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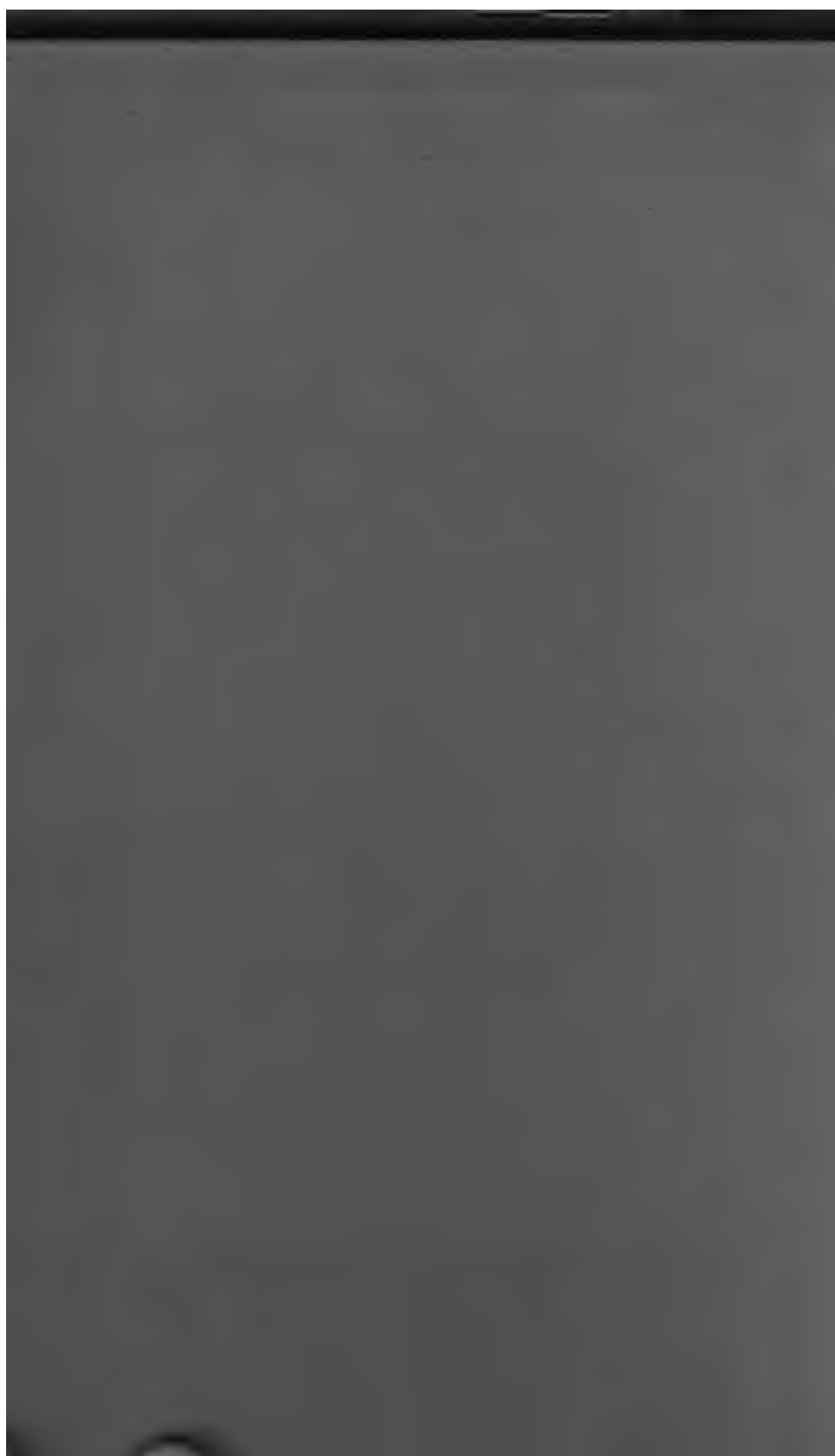
◀ MASSACHUSETTS ▶

# STATE NORMAL SCHOOL

AT WORCESTER.

1889.





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ELMER H. CAPEN, . . . . <i>Medford,</i>	May 25, 1891.
ELIJAH B. STODDARD, . . . . <i>Worcester,</i>	May 25, 1892.
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HORACE E. SCUDDER, . . . . <i>Cambridge,</i>	May 25, 1894.
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MRS. KATE GANNETT WELLS, . <i>Boston,</i>	May 25, 1896.

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## ASSISTANT SECRETARY AND TREASURER.

C. B. TILLINGHAST, . . . . . *Boston.*

## AGENTS.

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G. T. FLETCHER,	<i>Northampton.</i>
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Vacations and Holidays marked by Full-face Figures.

◁1889.▷							◁1890.▷						
JULY.							JANUARY.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
--	1	2	3	4	5	6	--	--	--	1	2	3	4
7	8	9	10	11	12	13	5	6	7	8	9	10	11
14	15	16	17	18	19	20	12	13	14	15	16	17	18
21	22	23	24	25	26	27	19	20	21	22	23	24	25
28	29	30	31	--	--	--	26	27	28	29	30	31	--
AUGUST.							FEBRUARY.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
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SEPTEMBER.							MARCH.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
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8	9	10	11	12	13	14	2	3	4	5	6	7	8
15	16	17	18	19	20	21	9	10	11	12	13	14	15
22	23	24	25	26	27	28	16	17	18	19	20	21	22
29	30	--	--	--	--	--	23	24	25	26	27	28	29
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OCTOBER.							APRIL.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
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NOVEMBER.							MAY.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
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DECEMBER.							JUNE.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
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22	23	24	25	26	27	28	22	23	24	25	26	27	28
29	30	31	--	--	--	--	29	30	--	--	--	--	--

# THE CALENDAR.

(See opposite page.)

SIXTEENTH SCHOOL YEAR, 1889-90.

## FIRST (FALL) TERM, 1889.

September 12, Thursday,	. . . . .	Entrance Examination begins.
October 30, Wednesday,	. . . . .	Autumn Arbor Day.
November 25 to December 3,	. . . . .	Mid-Term Recess.
December 25,	. . . . .	Christmas.
January 1,	. . . . .	New Year's Day.
January 30, 1890, Thursday,	. . . . .	First Term ends.

WINTER VACATION, ONE WEEK.

## SECOND (SPRING) TERM, 1890.

February 6, Thursday,	. . . . .	Entrance Examination begins.
February 22, Saturday,	. . . . .	Washington's Birthday.
April 3, Thursday,	. . . . .	Fast Day.
April 21 to April 29,	. . . . .	Mid-Term Recess.
April 30, Wednesday,	. . . . .	Spring Arbor Day.
May 30, Friday,	. . . . .	Memorial Day.
June 26, Thursday,	. . . . .	School Year ends.

SUMMER VACATION, ELEVEN WEEKS.

Seventeenth School Year (1890-91) begins with Entrance Examination on Thursday, September 11, 1890.

## SPECIAL NOTICE.

Entrance Examinations occur twice a year, at the beginning of each term,—*and at no other time.*

Exercises of Graduation occur once a year only,—namely, on the last day of the Summer Term,—and are always open to the public.

There is no session of the school on Monday. On other days the hours are from twenty-five minutes past nine o'clock to five minutes to four, with an intermission of an hour a little after noon.

Communications may be addressed to the Principal, 184 Lincoln Street, or to Hon. E. B. Stoddard, 15 Ashland Street.

*TEACHERS.*

---

E. HARLOW RUSSELL, PRINCIPAL.

MISS REBECCA JONES.

CHARLES F. ADAMS.

MISS JULIET PORTER.

HENRY W. BROWN.

MISS HELEN F. MARSH.

MISS ELLEN M. HASKELL.

MRS. MARION J. SUMNER.

MISS ARABELLA H. TUCKER.

---

JOHN CRON, - - - - - JANITOR.

## STUDENTS.

## PURSUING POST-GRADUATE STUDIES.

N. B. — Students whose names are marked with (A) have, besides passing through the regular course of study, served for a half-year as apprentices (see p. 18) in the public schools of the city of Worcester.

Sarah Maria Averill . . . . .	<i>Plainfield, Conn.</i>
Harriet Almira Baker . . . . .	<i>Phillipston.</i>
Alice Harriette Belding . . . . .	<i>Worcester.</i>
Clara Harwood Bemis . . . . .	<i>Spencer.</i>
Addie Maria Blenus . . . . .	<i>Worcester.</i>
Annie Josephine Butterfield (A) . . . . .	<i>Worcester.</i>
Ella Agnes Casey . . . . .	<i>Worcester.</i>
Anna Teresa Cavanaugh (A) . . . . .	<i>Worcester.</i>
Alice Chapin (A) . . . . .	<i>Auburn.</i>
Jennie Cora Clough . . . . .	<i>Worcester.</i>
Anna Burgess Collier (A) . . . . .	<i>Worcester.</i>
Caroline Gertrude Cooke (A) . . . . .	<i>Worcester.</i>
Mary Agnes Cunningham (A) . . . . .	<i>Worcester.</i>
Minnie Alberta Davis . . . . .	<i>Worcester.</i>
Jennie Luliona Dearborn . . . . .	<i>Worcester.</i>
Sarah Elizabeth Earley (A) . . . . .	<i>Spencer.</i>
Grace Rebecca Everett (A) . . . . .	<i>Worcester.</i>
Mary Elizabeth Fitzgerald . . . . .	<i>Worcester.</i>
Carrie Lincoln Fletcher (A) . . . . .	<i>Worcester.</i>
Anna Gertrude Foley (A) . . . . .	<i>Worcester.</i>
Ann Foskett (A) . . . . .	<i>Webster.</i>
Adelia Teresa Gauren (A) . . . . .	<i>Worcester.</i>
Eudora Estella Hay . . . . .	<i>Worcester.</i>
Kate Maria Healy (A) . . . . .	<i>Worcester.</i>
Marietta Knight . . . . .	<i>Worcester.</i>



Mrs. Winslow S. Lincoln . . . . .	<i>Worcester.</i>
Mary Emily McCormick (A) . . . . .	<i>Worcester.</i>
Sarah Ann McCormick (A) . . . . .	<i>Worcester.</i>
Henrietta Agnes Murray . . . . .	<i>Worcester.</i>
Mary Jane Newton (A) . . . . .	<i>Greenfield.</i>
Grace Lamson Newton (A) . . . . .	<i>Oakdale.</i>
Catherine Theresa Nevins (A) . . . . .	<i>Nantucket.</i>
Abigail Loretta O'Hara (A) . . . . .	<i>Worcester.</i>
Ellen Agnes O'Neil (A) . . . . .	<i>Worcester.</i>
Miriam Frances Proctor (A) . . . . .	<i>Spencer.</i>
Hattie May Ruggles (A) . . . . .	<i>Worcester.</i>
Julia Agnes Quinn (A) . . . . .	<i>Worcester.</i>
Margaret Scott (A) . . . . .	<i>Burlington, Vt.</i>
Mary Lucy Seavey (A) . . . . .	<i>Worcester.</i>
Abby Brewer Shute . . . . .	<i>Auburn.</i>
Anna Philena Smith . . . . .	<i>Central Village, Conn.</i>
Anna Theresa Smith (A) . . . . .	<i>Worcester.</i>
Kate Emogene Smith (A) . . . . .	<i>Florence.</i>
Mary Celia Smith (A) . . . . .	<i>Worcester.</i>
Agnes Rose Stewart (A) . . . . .	<i>Worcester.</i>
Marion Capitola Tucker . . . . .	<i>North Brookfield.</i>
Marina Harwood Tucker . . . . .	<i>North Brookfield.</i>
Florence Sherman Waite (A) . . . . .	<i>Worcester.</i>
Fanny Alberta Williams . . . . .	<i>Worcester.</i>

## FIRST CLASS, JANUARY, 1889.

Martha Jennie Alton (A) . . . . .	<i>Worcester.</i>
Harriet Amelia Blood (A) . . . . .	<i>Worcester.</i>
Carrie Maria Bunce (A) . . . . .	<i>Worcester.</i>
Anna Loretta Callahan . . . . .	<i>Burr.</i>
Harriet Washburn Cook (A) . . . . .	<i>Worcester.</i>
Jennie Maria Fairbanks . . . . .	<i>Holden.</i>
Ellen Estelle Fitzgerald (A) . . . . .	<i>Worcester.</i>
Cecilia Theresa Kelley (A) . . . . .	<i>Worcester.</i>
Sarah Ann McCormick (A) . . . . .	<i>Worcester.</i>
Ellen Agnes McTiernan (A) . . . . .	<i>Worcester.</i>
Alice Elizabeth Marsh . . . . .	<i>Leicester.</i>
Katherine Mathews (A) . . . . .	<i>Westborough.</i>

Grace Lamson Newton (A)	Oakdale.
Ellen Agnes O'Neil (A)	Worcester.
Mary Elizabeth Patten	Clinton.
Alice Cressy Plumer (A)	Maxwell, Neb.
Grace Emmeline Remington (A)	Worcester.
Sara Elizabeth Rollison (A)	Worcester.
Olive Russell (A)	Worcester.
Mary Ann Agnes Short (A)	Worcester.
Mary Alice Smith (A)	Worcester.
Dora Taft	Mendon.
Winifred Rosalie Todd (A)	Worcester.
Sidney Everett Walton	Fitchburg.
Died at his home in Fitchburg, March 10, 1889.	
Addy Frances Yeaton (A)	Worcester.

## FIRST CLASS, JUNE, 1889.

Clara Elizabeth Andrews (A)	Boylston.
Grace Hulford Bishop (A)	Worcester.
Annie Jane Blanchard	West Windham, N. H.
Ellen Gertrude Carey (A)	Worcester.
Stella Elizabeth Chapin (A)	Worcester.
Susan May Corbin	West Woodstock, Conn.
Annie Maria Gilbert (A)	Worcester.
Nettie May Grout (A)	Spencer.
Susan Martha Hill (A)	Hudson.
Annie Lilian Proctor	Alexandria, Neb.
Lou Frances Sawtelle	Worcester.
Netty Anna Starkey (A)	Worcester.
Katie Stevenson (A)	Worcester.
Clara Harwood Walker (A)	Worcester.
Elizabeth Frances Walker (A)	Worcester.
Martha Raymond Walker (A)	Worcester.
Harriet Erwin Wheeler (A)	Worcester.
Emma Augusta Windle	Oxford.

## APPRENTICES. (See page 18.)

Maud Sophie Bosworth	Worcester.
Herbert Eugene Buxton	Ashford, Conn.
Flora Browning Chamberlain	Worcester.

Belle Josephine Clarke . . . . .	<i>Westborough.</i>
Florence Malbone Dodge . . . . .	<i>Worcester.</i>
Alice Gertrude Draper . . . . .	<i>Worcester.</i>
Honora Malony Dunleavy . . . . .	<i>Uxbridge.</i>
Kathline Elizabeth Dwyer . . . . .	<i>Worcester.</i>
Alice Little Eames . . . . .	<i>Worcester.</i>
Elizabeth Christine Finn . . . . .	<i>Worcester.</i>
Costella Gertrude Gale . . . . .	<i>Guildford, Vt.</i>
Huldah Jane Gibson . . . . .	<i>South Boston.</i>
Harriet Almira Greene . . . . .	<i>Wrentham.</i>
Mary Catherine Henry . . . . .	<i>Worcester.</i>
Anna May Hewett . . . . .	<i>Worcester.</i>
Lena May Hurlbut . . . . .	<i>Richford, Vt.</i>
Mary Bigelow Knowlton . . . . .	<i>Westborough.</i>
Charlotte McFarland . . . . .	<i>Worcester.</i>
Annie Teresa McGrath . . . . .	<i>Worcester.</i>
Annie York Milliken . . . . .	<i>Worcester.</i>
Anna Grace Moore . . . . .	<i>Worcester.</i>
Amy Murray . . . . .	<i>Worcester.</i>
Kate Evans Parker Newhall . . . . .	<i>Worcester.</i>
Effie Rilla Putnam . . . . .	<i>West Sutton.</i>
Mary Helen Rogers . . . . .	<i>Holden.</i>
Sarah Agnes Russell . . . . .	<i>Worcester.</i>
Janet Witherby Scruton . . . . .	<i>Canton, N. Y.</i>
Ella Louise Smith . . . . .	<i>Worcester.</i>
Edith Maria Studley . . . . .	<i>Worcester.</i>
Annie Lilian Sullivan . . . . .	<i>Worcester.</i>
Mary Eleanor Whitty . . . . .	<i>Fitchburg.</i>

## SECOND CLASS.

Ella May Adams . . . . .	<i>Worcester.</i>
Amy Maria Aldrich . . . . .	<i>Westborough.</i>
Emma Susie Barrett . . . . .	<i>Worcester.</i>
Mattie Josephine Black . . . . .	<i>Worcester.</i>
Jennie Frances Brennan . . . . .	<i>Worcester.</i>
Mary Edith Cheney . . . . .	<i>Southbridge.</i>
Emma Jane Cooper . . . . .	<i>Worcester.</i>
Anna Gertrude Cullen . . . . .	<i>Worcester.</i>

Maud Elizabeth Davis . . . . .	<i>Holden.</i>
Margaret Jane Gartland (A) . . . . .	<i>Worcester.</i>
Mary Gertrude Geary (A) . . . . .	<i>Worcester.</i>
Alice Jane Hildreth . . . . .	<i>Worcester.</i>
Emma Ada Hopwood (A) . . . . .	<i>Worcester.</i>
Sarah Alice Hopwood . . . . .	<i>Worcester.</i>
Eva Laurena Jordan . . . . .	<i>Old Orchard, Me.</i>
Catherine Agnes Kennedy . . . . .	<i>Worcester.</i>
Teresa Mary Larkin . . . . .	<i>Worcester.</i>
Mary Ellen Loughlin . . . . .	<i>Worcester.</i>
Luta Belle Lincoln . . . . .	<i>Worcester.</i>
Harriet Howe Maynard . . . . .	<i>Townsend.</i>
Mary Martha Moran . . . . .	<i>Worcester.</i>
Rupert Henry Murray . . . . .	<i>Worcester.</i>
Edith Gertrude Newton . . . . .	<i>Westminster.</i>
Jennie Dora Norcross . . . . .	<i>Sutton.</i>
Mary Catherine O'Connor . . . . .	<i>Worcester.</i>
Eliza Frances Palmer . . . . .	<i>Worcester.</i>
Minnie Partridge . . . . .	<i>Medway.</i>
Mary Brown Porter . . . . .	<i>Louisville, Ky.</i>
Mabel Emma Richardson . . . . .	<i>Grafton.</i>
Mary Elizabeth Ridler . . . . .	<i>Worcester.</i>
Florence Louise Seagrave . . . . .	<i>Uxbridge.</i>
Nellie Dascombe Temple . . . . .	<i>Gardner.</i>
Florence Helen Towne . . . . .	<i>Mendon.</i>
Catherine Rachel Wheatley . . . . .	<i>Worcester.</i>
Alice Gertrude Whitcomb . . . . .	<i>Worcester.</i>

## THIRD CLASS.

Lena Roxanna Adams . . . . .	<i>Oakham.</i>
Henrietta Maria Ager . . . . .	<i>Worcester.</i>
Margaret Eleanor Ayers . . . . .	<i>Shrewsbury.</i>
Saraetta Ballou . . . . .	<i>Uxbridge.</i>
Agnes Maria Blanchard . . . . .	<i>Harvard.</i>
Edith Minnetta Brown . . . . .	<i>Worcester.</i>
Ella Louise Brown . . . . .	<i>Worcester.</i>
Jessie Sophronia Clapp . . . . .	<i>Worcester.</i>
Martha Susan Cutting . . . . .	<i>Boylston.</i>

Flora Mabel Desper . . . . .	<i>Barre.</i>
Mary Sophia Doescher . . . . .	<i>Cherry Valley.</i>
Ellen Doyle . . . . .	<i>Worcester.</i>
Nellie Gertrude Donovan . . . . .	<i>Worcester.</i>
Bessie May Edmands . . . . .	<i>Westborough.</i>
Emma Alice Gardner . . . . .	<i>Worcester.</i>
Agnes Gertrude Garvey . . . . .	<i>Worcester.</i>
Mabel Howard Goodale . . . . .	<i>Leominster.</i>
Eva Josephine Harrington . . . . .	<i>Paxton.</i>
Agnes Teresa Healey . . . . .	<i>Whitinsville.</i>
Mary Ignatia Healy . . . . .	<i>Worcester.</i>
Florence Louise Johnson . . . . .	<i>Worcester.</i>
Julie Maria Jones . . . . .	<i>Worcester.</i>
Fanny Maude Joy . . . . .	<i>Manchester, N. H.</i>
Margaret Ellen Joyce . . . . .	<i>Worcester.</i>
Florence Caroline King . . . . .	<i>Worcester.</i>
Helen Maria King . . . . .	<i>Worcester.</i>
Rosa Helena Mahan . . . . .	<i>Worcester.</i>
Nellie Elizabeth McCarthy . . . . .	<i>West Boylston.</i>
Agnes McMahon . . . . .	<i>Worcester.</i>
Marietta McNulty . . . . .	<i>Worcester.</i>
Mary Eloise Morrill . . . . .	<i>Derry, N. H.</i>
Mary Harrington Perry . . . . .	<i>Auburn.</i>
Grace Platt . . . . .	<i>Worcester.</i>
Katie Frances Simonds . . . . .	<i>Ashby.</i>
Nellie Thurston . . . . .	<i>Worcester.</i>
Mary Reed Townsend . . . . .	<i>Bolton.</i>
Eva Leolan Truscott . . . . .	<i>Worcester.</i>
Nellie Jane Wattie . . . . .	<i>Worcester.</i>
Sarah Carr Wilder . . . . .	<i>Spencer.</i>
Lura Augusta Wiley . . . . .	<i>Hardwick.</i>

## FOURTH CLASS.

Louise Maria Bray . . . . .	<i>Boylston.</i>
Catharine Maria Campbell . . . . .	<i>Worcester.</i>
Elizabeth Loretta Carmody . . . . .	<i>Worcester.</i>
Winifred Margaret Conlin . . . . .	<i>Spencer.</i>
Hannah Gertrude Cooney . . . . .	<i>Worcester.</i>

Ellen Agnes Courtney . . . . .	<i>Worcester.</i>
Mary Frances Crane . . . . .	<i>Worcester.</i>
Elida Maria Crawford . . . . .	<i>Chester, N. H.</i>
Margaret Loretta Cunningham . . . . .	<i>Worcester.</i>
Kate May Currier . . . . .	<i>Whitinsville.</i>
Elizabeth Amanda Rice Daniels . . . . .	<i>Greenfield.</i>
Annie Peabody Day . . . . .	<i>Enfield, N. H.</i>
Rose Gertrude Doherty . . . . .	<i>Worcester.</i>
Theresa Veronica Dowd . . . . .	<i>Worcester.</i>
Mary Margaret Eustace . . . . .	<i>Clinton.</i>
Bessie Edith Farwell . . . . .	<i>Clinton.</i>
Margaret Jane Fennell . . . . .	<i>North Brookfield.</i>
Ellen Teresa Foley . . . . .	<i>Worcester.</i>
Emma May Gallup . . . . .	<i>Worcester.</i>
Margaret Mary Gaynor . . . . .	<i>Worcester.</i>
Josephine Agnes Griffin . . . . .	<i>Worcester.</i>
Sarah Teresa Hanley . . . . .	<i>Worcester.</i>
Mary Julia Haas . . . . .	<i>Shrewsbury.</i>
Catherine Ellen Heagney . . . . .	<i>Clinton.</i>
Alice Christina Heapby . . . . .	<i>Worcester.</i>
Edith Mary Hicks . . . . .	<i>Auburn.</i>
Mary Eleanor Higgins . . . . .	<i>Worcester.</i>
Susie Hathorn Kelton . . . . .	<i>Hubbardston.</i>
Myrtis Isabel Kirby . . . . .	<i>Paxton.</i>
Louisa Christina Lof . . . . .	<i>Worcester.</i>
Catherine Maria McHugh . . . . .	<i>Worcester.</i>
Grace Lucy Marcy . . . . .	<i>Auburn.</i>
Mary Agnes Martin . . . . .	<i>Worcester.</i>
Abigail Fray Newton . . . . .	<i>Greenfield.</i>
Georgiana May O'Connor . . . . .	<i>Worcester.</i>
Ida Minerva Parsons . . . . .	<i>Spencer.</i>
Emily Beverly Pellet . . . . .	<i>Worcester.</i>
Belle Frances Phelon . . . . .	<i>Worcester.</i>
Emma May Rawson . . . . .	<i>Worcester.</i>
Minnie Frances Ronayne . . . . .	<i>Worcester.</i>
Bertha Edna Sanders . . . . .	<i>Templeton.</i>
Elliott Almarand Sprague . . . . .	<i>Worcester.</i>
Bertha Maria Stone . . . . .	<i>Auburn.</i>

Eleanor Cornelia Torrey	.	.	.	.	.	.	.	<i>Dorset, Vt.</i>
Mary Ella Whitcomb	.	.	.	.	.	.	.	<i>Worcester.</i>
Grace Woodbury	.	.	.	.	.	.	.	<i>Oxford.</i>

## SPECIAL STUDENT.

Toshihide Shinoda,	.	.	.	.	.	.	.	<i>Tokio, Japan.</i>
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## SUMMARY OF NUMBERS.

Graduates' Class	.	.	.	.	.	.	.	.	.	49
First Class, January, 1889	.	.	.	.	.	.	.	.	.	25
First Class, June, 1889	.	.	.	.	.	.	.	.	.	18
Apprentices	.	.	.	.	.	.	.	.	.	31
Second Class	.	.	.	.	.	.	.	.	.	35
Third Class	.	.	.	.	.	.	.	.	.	40
Fourth Class	.	.	.	.	.	.	.	.	.	46
Special Student	.	.	.	.	.	.	.	.	.	1

Total number of different pupils in attendance for the year 1888-89 . 245

## *CIRCULAR OF INFORMATION.*

### *HISTORICAL SKETCH.*

The following extract, from the Thirty-seventh Annual Report (1872-73) of the Board of Education, gives in outline a history of the establishment of this school:—

“By the terms of a Resolve which went into effect on the twenty-fifth day of June, 1871, the Board of Education were authorized and required to establish a State Normal School in the city of Worcester; and the Trustees of the Worcester Lunatic Hospital were authorized and required to convey to the Board of Education and its successors a tract of land of not more than five acres, to be located by the Governor and Council, within certain limits fixed in the Resolve. An appropriation of sixty thousand dollars was made, upon condition that the city of Worcester should pay the Board of Education for the purposes named in the Resolve the sum of fifteen thousand dollars. This condition was promptly complied with. The tract was located by the Governor and Council Sept. 2, 1871; and on the nineteenth day of September, 1871, the conveyance was made by the Trustees of the Hospital to the Board of Education and its successors in trust, as directed.

“The tract of land located is upon Hospital Hill in Hospital Grove (formerly so called), within a short distance of the new Union Depot now in process of erection,—a point at which, when the railroad arrangements now in progress shall be completed, pupils residing on the line of either of the roads leading into the city of Worcester can arrive in season for the commencement of school each day, and take the cars to return after the school exercises are finished.”

The exercises of dedication took place on Friday, Sept. 11, 1874; and on the following Tuesday (September 15) the school was opened to pupils.



*DESCRIPTION OF THE BUILDING.*

The building is a large, three-story, massive structure, built of stone taken from the hill upon which it stands. Its position allows an extensive view of Worcester and its surroundings. From the front steps one looks down through clumps of trees, over the city lying spread within an inner circle of rolling country. The site, moreover, has all the advantages that light and air can give it. Though situated upon the outskirts of Worcester, it is not more than twenty minutes' walk from the Union Depot, wherein centre the various lines of railroad by which a large proportion of the pupils come in daily from their homes.

In its interior arrangement the building is spacious and well fitted to the educational needs of the school. On the first floor is a large corridor, running the entire length of the building, and connecting the two entrances. On one side is a laboratory, and a room containing a well-equipped work-bench, and a carefully chosen collection of specimens specially illustrative of the work in Natural Science carried on in the adjoining room. On the other side is a lunch-room, provided with tables and hot-closets,—the place of rendezvous for probably seven-eighths of the pupils every day between the hours of twelve and one. In addition there are, on this floor, unusually large and commodious dressing-rooms. On the second story is the teachers' room, and from it a door opening upon the platform of the hall,—a room of exceptional dimensions, amply lighted, and well set off with busts of eminent men, and with pictures, for the most part gifts of past graduating classes. On the sides are shelves containing carefully selected books of well-recognized value. The hall has several entrances, and it communicates directly with three recitation-rooms. Over against the entrance to the teachers' room is a room set apart and arranged for the comfort of such pupils as are taken ill, or in any way feel indisposed during school hours. Between the second and third floors there is a half-story containing class-rooms, and above this a well-stocked model-room and the drawing-room, besides other spacious rooms intended, though not all at present used, for class-

rooms. The building is heated by hot air as well as by steam. Special attention has been paid to ventilation, and to all that can tend to add to the health, comfort and best interests of the pupils.

### *AIM AND PURPOSE OF THE SCHOOL.*

The Board of Education, by a vote passed May 6, 1880, stated the design of the school, and the course of studies for the State Normal School, as follows :—

“ The design of the Normal School is strictly professional; that is, to prepare in the best possible manner the pupils for the work of organizing, governing and teaching the public schools of the Commonwealth.

“ To this end there must be the most thorough knowledge, first, of the branches of learning required to be taught in the schools; second, of the best methods of teaching these branches; and, third, of right mental training.

“ The time of one course extends through a period of two years, of the other through a period of four years, and is divided into terms of twenty weeks each, with daily sessions of not less than five days each week.

#### “ STUDIES.

##### “ TWO YEARS’ COURSE.

“ Arithmetic, Algebra, Geometry, Book-keeping.

“ Physics, Astronomy, Chemistry.

“ Physiology, Botany, Zoölogy, Mineralogy, Geology, Geography.

“ Language, Reading, Orthography, Etymology, Grammar, Rhetoric, Literature, Composition.

“ Penmanship, Drawing, Vocal Music, Gymnastics.

“ Psychology, Science of Education and Art of Teaching, School Organization, History of Education.

“ Civil Polity of Massachusetts and of the United States, History, School Laws of Massachusetts.

##### “ FOUR YEARS’ COURSE.

“ In addition to the studies named above, the Four Years’ Course includes Advanced Algebra and Geometry, Trigonometry and Surveying.

“ Advanced Chemistry, Physics and Botany.

"Drawing, English Literature, General History.

"Latin and French required; German and Greek as the Principal and Visitors of the school shall decide.

"The Visitors, at the request of the Principal of the Worcester School, may have authority to substitute German for French, as they think the interests of the school from time to time demand.

"The above is an enumeration of the studies. The order of the studies in the course is determined by the Principal of each school, with the approval of the Visitors of that school."

It needs to be stated that while the foregoing list of subjects marks out the field covered in the school curriculum, it gives no adequate idea of the actual work done. It is made a special aim to seize every opportunity to give the pupils the benefit of whatever tends to fit them for the work of teaching. The spirit of this endeavor pervades the whole school. It influences the mode and character of most of the exercises, and imparts to the whole work a tone and zest difficult to describe, but which determines whatever of distinct character the Normal School possesses.

### *APPRENTICESHIP.*

In addition to the work of the study and the class-room, systematic observation of schools and actual practice in teaching, under the joint supervision of the city superintendent of schools and the faculty of the Normal School, constitute an important element in our course of training.

The general character of what is known in this school as the "apprenticeship" is this: The student, after three terms, or a year and a half in the Normal School, is allowed to go into one of the public schools of the city of Worcester to serve as assistant to the teacher of that school; to take part in the instruction, management and general work of teaching, under the direction of the teacher; and even to act as substitute for the teacher for an hour, a half-day or a day, at the discretion of the latter and with the approval of the superintendent. One student only at a time is assigned to any one teacher; but each student serves in at least

three grades of schools in the course of his term of service, the duration of which is six months, or half a school year. After finishing his apprenticeship the student resumes his course at the Normal School, spending another half-year there before receiving his diploma.

During the period of apprenticeship four days of each week are devoted exclusively to it by those employed in the work. One day of the week (Wednesday) is spent by them in the Normal School, where they are employed, not in the ordinary study and work of the institution, but in the following manner :—

They hold such consultation with the teachers of the school, and make such use of books, as may be most helpful to them in their immediate work as apprentices.

They make informal statements to the school of such facts of their experience as may be of advantage to the other students to hear,—concerning ways of teaching, cases of discipline and the like,—keeping in mind always the private character of the daily life of the school-room, and under special warning against revelations that might seem objectionable.

Each apprentice keeps a diary of the occupation and experience of every day's service, and this record is inspected by the faculty of the Normal School. He also makes out a report at the end of his term, in which he gives his own estimate of his success in his work.

The following copy of a diary kept by one of the apprentices, not, however, with any notion of its being printed, gives an account of a week's experience :—

MONDAY, MARCH 9, 1885.—Instead of having the children read wholly from the readers, we let one class read from slips of paper upon which Miss —— and I have, as we had time, been copying selections from another book. I should have thought the children would have liked it very much for a change, but they didn't seem to like it any better than reading the usual lessons. I think the reason was, that, as every slip was different, those who were not reading had to sit up and listen, and couldn't even prompt or correct mistakes—they like to have some active part in what is going on.

I have occasionally, as I had time at noon, drawn some picture on the blackboard. One night after school, pointing to a picture of a rabbit on the blackboard, I asked a boy what it was. "Rabbit," he answered, quickly. "How did you know?" "Long ears," was his brief reply.

TUESDAY, March 10. — Each morning, after the opening exercises, the children have singing and also usually some individual exercise in music. Although most of them have been in school less than two years, they seem very skilful in reading the notes by letter and in singing from numbers that are put on the board, thus,— 1, 2, 3, 2, 3, 3, 1, 3, 2, 4, 5, 3, 1, 1. If they are giving attention and keep the place, they can follow the changes almost perfectly. Once in a while, when they are singing, some boy will try to put in variations by singing up on *very* high notes. The rest usually pay no attention to this, but sing on in correct tune.

To-day I told the first class that they might write a story about a boy and girl who went a-fishing, making it up and writing whatever they pleased. Some went directly to writing, while others had to think quite a while. Finally, one boy said, "I don't know how to commence." I told him to say, "Once upon a time," if he couldn't think of anything else. Most of them had a more original beginning. One girl covered both sides of her slate.

One of the shorter ones was something like this: —

"John and his sister went with him and they caught six of them they were nice and then they took them home and skin them with a knife and eat them and they were nice and every one has a pice and they did look good they ate them all up an did not saye I don't like fish."

WEDNESDAY, March 11.— At the Normal School. One of the teachers talked to us to-day about teaching children the sums of certain numbers at sight. If the children could learn the sums of some numbers and remember them, it would save them some time and trouble, I should think. If they could only remember that  $2+2=4$ ,  $3+1=4$ ,  $2+3=5$ , etc., without counting up, it would help them say their tables and do combination examples.

During one of the periods, as we did not have enough to talk about in connection with our school work, the teacher commenced reading a very interesting story to us. It is an English translation of a Danish drama, and I hope we shall hear the whole of it.

On the platform we apprentices sang the "action song" that we have been learning. I feared that some of us would laugh, but we succeeded in keeping sober.

THURSDAY, March 12.—This afternoon there were three lady visitors in our school. It has previously seemed to me that these children hadn't learned the art of "showing off," or of acting differently when visitors are in; but to-day they seemed a little conscious of being watched, and were quite mischievous and ready to laugh. Once in a while the ladies would see something that they could not help laughing at, and that seemed to please the boys, and they laughed too.

The teacher asked me this afternoon to tell the children a story. So I told them one that I happened to hear read last evening, "The Dog of Flanders." I changed it a little, so that it should have a pleasant ending. The children are always quiet and orderly when a story is told to them.

The teacher suggested that I have the children recall and write, some time to-morrow, a part of the story I told to-day.

FRIDAY, March 13.—To-day I gave the drawing lesson to the second class, instead of to the whole school, as I usually do. I like better to give it to the whole school; there seems to be more interest, and better attention is given.

Yesterday we drew an ellipse and then changed it into a locket. To-day I told them to make the same thing that we drew yesterday. Quite a number remembered and drew the locket.

Two of our nice girls left school to-day. The school has all the time many more boys than girls. I wondered why, until my teacher told me that a great many of the girls go to the Sisters' School.

One of our big boys cried with toothache this morning. I pitied him, and I guess the teacher did, for she sent him home at recess. He did not come back this afternoon. Just after school I saw him on Front Street selling papers, and looking as well as usual.

The apprenticeship is designed to give the student practical acquaintance with the work of teaching, and training in that work. It is founded in the conviction that, whether education be a science or not, teaching in the public schools of Massachusetts is an art,—an art to the successful practice of which there is need of some initiation under the guidance of experience and skill; an initiation akin to that which an apprentice passes through in learning his trade.

A secondary purpose is to furnish the faculty of the Normal School with more full and satisfactory data for their estimate of the teaching ability of students. How the recruits will behave under fire cannot be

determined by drill in the manual, or by dress parade. The apprenticeship goes far toward answering the important question. The apprentice is visited by the faculty of the Normal School while engaged in his work, and is carefully observed and assisted by suggestions. The teacher of each school in which he has served makes out a report in the following form :—

[STATE NORMAL SCHOOL AT WORCESTER.]

Report of the Apprentice-Work of.....

Grade.....Street School.

Time from.....to.....

Scale, 10— Use no fractions.

No. of Absences.	No. of Tardinesses.	Power of Control.	Power of Interesting.	Skill in Questioning.	Skill in Explaining and Illustrating.	Enthusiasm.	Bearing.

1. What traits of excellence (if any) have been shown in teaching or management?

2. What weakness or deficiency?

[Signature] .....

The additional six months of preparation required by the system under consideration secure to the student greater maturity of body and mind. The need of such maturity is apparent in the case of the majority of those who enter upon the work of teaching.

That the object of the apprenticeship is attainable by the plan adopted is not merely probable, but is already matter of experience. The method, although believed to be new in this country, is not in itself a thing new or untried.

The German system of public education requires of the candidate for the office of teacher a season of service under direction, of probation under supervision, the essential elements of which are embodied in this apprenticeship. Something like it also prevails extensively in England.

Moreover, the method is simply the extension of one that was for five years in successful operation in this school. The students are found to derive from their experience a fresh interest in their chosen work. They realize the practical bearings of the principles and methods they have studied ; they acquire the "courage of having done the thing before ;" they test their remedies for the school diseases of inattention, disobedience and the like, by trial on actual patients ; they acquire skill that is of vast moment to them at the critical period when they take charge, as teachers, of their first school.

It is no small evidence of good results that the school board of the city of Worcester heartily approve the system, on the ground of the benefit accruing indirectly to the city schools, through the greater fitness of the apprentices to become teachers.

As the student of the Normal School who passes successfully through the period of apprenticeship receives a certificate of the fact in connection with his diploma at graduation, the extra time required for the experience must in almost every case be more than made good by the greater probability of securing a position, and the greater likelihood of success at the outset of the teacher's career.

There are, however, individuals in the school for whom it is impossible or impracticable to undertake this special preparation. The apprenticeship is not enforced upon any student ; it is simply recommended. Individuals who do not enter upon it enjoy all the advantages of the school with this single exception.

### *THE STUDY OF CHILDREN.*

The school is much indebted to Prof. G. Stanley Hall for a suggestion that the study of psychology might be pursued in part by the original observation of children. From his idea as a starting point, a scheme



for this purpose has been worked out and adopted as a permanent part of the school curriculum.

The principal requests the students to observe the conduct of children in all circumstances, — at home, at school, in the street, at work, at play, in conversation with one another and with adults, — and record what they see and hear as soon as circumstances will permit. When the nature of the work is explained to the school, great emphasis is placed upon the necessity of having the records genuine beyond all possibility of question; of having them consist of a simple, concise statement of what the child does or says, without comment by the writer; of making both the observation and the record without the knowledge of the child; and of noting the usual, rather than the unusual, conduct of the individuals observed.

For convenience in classification, blanks of five colors are provided for the records. White paper is used for such observations as students make themselves; red for well attested ones reported by others; yellow for reminiscences of their own childhood; green for mention of whatever they read on the subject; and chocolate for observations that extend continuously over a period of time. Each blank has the following heading: —

[STATE NORMAL SCHOOL AT WORCESTER.]

#### STUDY OF CHILDREN.

1. Date, .....
2. Observer's name, ..... age, .....  
P. O. Address, .....
3. Name (or initials) of person (child) observed, .....  
sex, .....; nationality, .....; age (yrs. and mos.), .....
4. Length of time between making the observation and recording it, .....

#### RECORD.

If the record is from hearsay, the names of both recorder and observer must be given.

Pupils write the records at their convenience (immediately after making the observation is the best time), and put the papers in a designated place. A teacher reads them from time to time, and classifies them under the heads,— knowledge, reflection, imagination, conscience, feeling, play, etc.

Both teachers and pupils feel that no other part of the pedagogical training has so direct an influence in developing the qualities most sought in a teacher. It is clearly manifest that it awakens curiosity concerning the phenomena of child nature, excites intelligent sympathy with children, and contributes to skill in discipline and instruction. Graduates and apprentices give abundant testimony on all these points.

The work of making observations is not compulsory, but nearly all members of the school engage in it from genuine interest. A few selected papers are placed from time to time where they may be read by all who care for them. How far these serve as stimulus and example is not known, but every day, not excepting the first day of a term, brings its supply of records, even though the subject may not have been explicitly mentioned for months. It is indeed the most nearly self-sustaining exercise in the school.

Many valuable records are reports of what is seen in the street on the way to or from school, but perhaps the highest value attaches to the reminiscences of the observer's own childhood. To recall one's own feelings, motives, and conduct in circumstances that are repeated in the life of every child, proves, as might be expected, in a high degree salutary, and affects sensibly the manner of judging others. The frankness and humor with which this kind of report is made are often very interesting.

Systematic instruction in psychology is aided both in the way of preparation and supplement by this additional study. Pupils are thus furnished at the outset with facts of their own observation, which serve as elementary materials for scientific classification and study; they have a habit of observing a certain class of phenomena, and have received suggestions and cautions that are of service to them in other depart-

ments ; they are able to pass more easily to mental science, because they have learned that that, as well as natural science, can be pursued by an objective method ; they have an already awakened and active interest in the subject that gives them pleasure in learning general principles, sometimes in part known by their own observations ; and, moreover, they attach a different value to a text-book which they see is a natural outgrowth of an experience like their own.

As all students make observations, many records have no value apart from the wholesome endeavor that made them ; but a progress in the significance of the things noticed and in the manner of recording them is apparent. During the latter part of a term the proportion of significant and valuable papers is greater than during the first part. All papers are carefully preserved (about 2,000 have been collected each year), and it is hoped that they may be of value to students of child-nature ; but the primary object of collecting them is the training of prospective teachers, and so highly does the work commend itself as a means to this end, that, if nothing ulterior to this is gained, complete satisfaction, and no disappointment, will be experienced.

### *REQUIREMENTS FOR ADMISSION.*

THE REQUIRED AGE is, for young men, seventeen years ; for young women, sixteen.

The *average* age of those admitted is usually a little less than nineteen years. Pupils who enter at an age much below the average are rarely able to get the full benefit of the instruction given without remaining more than two years in the school.

Candidates must show upon examination good capacity and general intelligence, and also fair attainments in the following branches ; viz., reading, spelling, penmanship, geography, arithmetic, English grammar, history of the United States.

Other things being equal, those gain most advantage from the course who have spent the longest time in preparation.

The entrance examination is often passed creditably by pupils who have made rapid progress in the required studies, but who have not sufficient intellectual maturity to pursue profitably a more advanced course of instruction. It will be seen, therefore, that three things must be considered in the case of each candidate for admission: (1) *age*, (2) *time spent in preparation*, (3) *ability to pass the examination*.

The standard may be reached in any one of these things and the candidate still be unprepared to enter, by reason of deficiency in one or both of the others.

The scope and character of the examinations are indicated by the "Questions" printed in the Appendix.

Express warning is giving against trying to enter in the hope of "making up" deficiency in any of these departments.

Candidates must present certificates of good character and good health, must promise a faithful observance of school regulations, and must declare in writing their intention to complete the prescribed course of study and training, and to engage in teaching after graduation.

**TIME OF EXAMINATION FOR ADMISSION.** — The regular examination begins on the first day of each term (see Calendar) ; and applicants must be present at that time, unless detained by sickness or other imperative and unforeseen necessity.

The examination continues through two days ; and lunch should be brought each day, on account of the distance of the school from the centre of the city.

Candidates for admission may present themselves for examination six months, or even a year, before they expect to join the school, and are advised to do so, if convenient, for the sake of becoming better acquainted with the nature of the requirements.

*Students are not admitted to advanced classes, and must not expect to complete the elementary course in less than two years.*

**SPECIAL STUDENTS.** — Applications having been occasionally made by college graduates to take a special (elective) course at the school, it has

for some time been the rule to allow such, in common with graduates of normal and scientific schools, the full advantage of the institution. On the completion of such a course, a certificate is given, specifying the character and quality of the work done, and the fitness of the candidate to serve as a teacher in the public schools.

LEAVE OF ABSENCE. — It is often the case that, through weak health or stress of circumstances, pupils may be obliged to miss one, two, three or more terms. It is in the interest of such that the course need not be pursued uninterruptedly to the end. Students may, and often do, obtain leave of absence to teach or to rest, and resume their work afterwards. This divides, but of course does not shorten, their course of study.

TERMS OF TUITION. — Tuition, and also the use of all text-books, is free to such as intend to teach in the public schools of Massachusetts, whether residents of this State or not. Those whose purpose is to teach in other States or in private schools are required to pay in advance fifteen dollars a term (thirty dollars a year) for tuition. A fee of two dollars a term in advance is required of each pupil, to meet incidental expenses.

*Pupils who withdraw from the school without permission of the Principal must pay at the rate of fifteen dollars a term for the tuition they have received.*

### GOVERNMENT.

The government of the school is not a government of rules, nor even of laws. The school is not without law, but the pupils are led by suggestion, encouragement and admonition, to become a law unto themselves. That this is a statement not merely of what is thought desirable as a method of government, but of what is actually accomplished, is the testimony of both official and casual visitors of the school. The pupils hardly realize that they are governed ; they feel that they govern themselves.

## HEALTH.

**INSTRUCTION IN HYGIENE.**—A marked feature of the school is the special attention directed not only to the physical well-being of the pupils, but to such instruction as will enable them to deal practically with living questions of hygiene as they arise in every-day life. The pupils are both taught to understand the conditions of healthful life, and trained and assisted to put into practice the instruction they receive in the care of health. They have careful oversight, and are advised individually according to their needs. No pupil enters the school without furnishing a physician's certificate of good health, and no pupil is allowed to remain whose physical condition is not thought equal to the demands of the school work. In cases of fatigue, exhaustion, or such indisposition as may unfit pupils for duty, they are advised to take immediate rest; and it is for the use of such that a quiet room, fittingly furnished, and one of the lightest and pleasantest in the building, has been set apart. Special efforts are made to counteract any tendency to over-work, over-excitement, or hurry. No recitations or study periods are longer than forty minutes, and during the ample and frequent intervals of relaxation school work is completely put aside.

**RECREATION.**—The pupils find a fund of social recreation, not only in the hall, which is provided with a piano, and which is thrown open to them to enjoy themselves as they will, but in the large lunch-room used exclusively for the purpose that its name indicates. Shortly after mid-day the luncheons, left since the last recess in the hot-closet, are brought out, and the room is soon made lively by the voices of a hundred or more pupils, seated in groups around tables filled to overflowing with the several contributions to this noonday feast. During the warmer months, however, the lunch-room has even to yield in attractiveness to the tree-shaded grounds about the building.

**PHYSICAL EXERCISE.**—A special time is set apart every day for physical exercises of some sort. These are not set calisthenic move-

ments of the usual kind, but take the form of thorough drill in the throwing of light balls, the handling of sticks or wands, marching to music, singing in chorus, or such exercise as is fitted to develop vigor and activity of body at the same time that it cultivates habits of precision and accuracy, and fits the pupils to meet some of the difficulties of drill and discipline in the profession for which they are being trained.

### *PLATFORM EXERCISES.*

No efforts are spared to train the pupils to habits of self-reliance. It is to this end that special importance is attached to the platform exercises. These occupy a half-hour or so every day, and during this period pupils volunteer, each for five minutes or more, to read or recite, or to talk to the school upon any subject which they may have chosen. At such a time they have constantly to meet the criticism and questions of teachers and fellow-pupils; and thus the exercise has been found to be valuable, not only in training the pupils to use the English language with facility and force, and to speak with distinctness and accuracy, but in bringing them to face the sort of difficulties that they may be expected to meet in their profession. On Wednesdays the apprentices have exclusive possession of the platform, and on each such occasion they give to the school, as elsewhere described, the results of their past week's experience in teaching.

### *THE LIBRARY.*

The library has been made to contribute materially to the progress of the pupils, both in general intelligence and literary culture, partly in consequence of the device of placing it in the school hall and in the recitation-rooms, where it can be used at all times without formal permission. Books may be taken home on Saturday afternoons and kept until Tuesday; and, as they can be obtained more easily from this library than from any other, a large part of the pupils confine their reading to this collection. The result is an acquaintance with a somewhat large

number of books of the best sort, and a manifest improvement in literary taste and in standards of excellence.

The almost unrestricted use of the library is not abused. While the appearance of the books is convincing evidence that they are read, not more than two or three volumes have been lost or mutilated in the fifteen years of the existence of the school, and it is rarely necessary to inquire for a book when it is needed.

The number of volumes is at present more than 2,000, and additions are constantly made, up to the limits of the funds available for that purpose.

### *GENERAL FACILITIES.*

INCIDENTAL ADVANTAGES. — Important facilities for general improvement are offered to pupils in the libraries, institutions and other means of culture, in which Worcester is rich.

The extensive and well-arranged museum of the Worcester Natural History Society is open for inspection, and specimens in all departments can be borrowed by teachers and students, and taken to the school for purposes of study and illustration.

The hall of the American Antiquarian Society contains a notably rich store of interesting exhibits, and the library includes a rare treasury of books pertaining to American history.

The Free Public Library stands unique among the institutions of the kind in this country for the effective relationship existing between it and the schools. Its large and well-endowed reference library, its well-filled circulating department, its reading-rooms, supplied with the leading domestic and foreign papers and periodicals, afford exceptional opportunities to the schools. Special facilities are offered to teachers and pupils, and the librarian is unsparing in his efforts to render every aid in the choice and use of books, or in any way in which he can assist the reader.

RAILROAD FARES. — The six lines of railroad centring in Worcester afford easy communication with the neighboring towns and villages.



Season-tickets or mileage-tickets are issued to pupils of the Normal School at greatly reduced rates, and the daily sessions of the school are so arranged as to accommodate those who wish to come and go by the cars.

### *GENERAL INFORMATION.*

**BOARD AND ROOMS.**—Students are advised to board in the city, if possible. Not much is saved pecuniarily by those who go in and out every day by rail, and the loss of time and the incidental exposure put them at serious disadvantage.

There is no boarding-house connected with the school; but suitable accommodations in respectable private families in the neighborhood, approved by the authorities of the institution, are easily obtained. To such as seek information or advice in this direction, the Principal is ready to give every assistance in his power.

In the case of pupils of the Normal School, the average cost of board (generally including room, fuel, light and washing) has been ascertained to be about four dollars per week.

**INCIDENTAL EXPENSES.**—The necessary incidental or miscellaneous expenses have averaged about five dollars for each pupil for the term, or ten dollars a year.

These averages imply strict economy on the part of pupils, and in making an estimate of expenses it would probably be unsafe to go below the above figures.

### *STATE AID.*

The Commonwealth has regularly appropriated several hundred dollars a year to each of its Normal Schools, to be divided among such pupils as are most needy and deserving. This school of course receives its proper share of such funds, and is able to render assistance to a number of students each year.

The State also gives the use of all the text-books required in the course, as well as free access to an ample and well-selected library of reference and general literature.

### *NORMAL SCHOOL SCHOLARSHIPS AT HARVARD.*

There are eight scholarships in the scientific school of Harvard University for the benefit of graduates of the State Normal Schools. The annual value of each of these scholarships is one hundred and fifty dollars, which is the price of tuition ; so that the holder of the scholarship gets his tuition free.

The incumbents are originally appointed for one year on the recommendation of the principals of the schools from which they have been severally graduated. These appointments may be annually renewed on the recommendation of the faculty of the scientific school.

### *TO VISITORS.*

A hearty invitation is extended to the parents and friends of pupils, to all, in fact, who may feel inclined, to visit the school, and see the current and method of its daily working. The first two and last two weeks of a term are, obviously, the least favorable times for a visit.

The school committees and superintendents of the neighboring towns are particularly and earnestly urged to make themselves acquainted with this school,—especially designed, as it is, to aid them in their work of improving our public instruction,—and to introduce to its advantages such young teachers of promise as aspire to more thorough preparation for their calling.

The school is not in session on Mondays. On other days the hours (leaving out the noon recess) are from twenty-five minutes past nine o'clock to five minutes to four, an arrangement that has been found the most convenient for ninety-six per cent. of the pupils.

# APPENDIX.

## GRADUATES.

NOTE.—All the graduates have been examined and approved as teachers for the schools of Worcester by the examining committee of the school board of the city.

When any change of name or residence has been reported, it is indicated immediately under the name and residence at the time of graduation. Graduates will see that it is very desirable to have notice of such changes promptly sent to the Principal.

### FIRST CLASS, JULY, 1876.

NAMES.	RESIDENCES.
Lydia Walker Ball . . . . .	Upton.
Harriet Crook . . . . .	Valley Falls.
Mrs. Fred. Snider (Bay State), Northampton.	
Ella Eudora Goddard . . . . .	Worcester.
Ella Jane Lyford . . . . .	Spencer.
Worcester.	
Joseph Chauncey Lyford (Secretary) . . . . .	Spencer.
Worcester.	
Marianna Newton . . . . .	Worcester.
Mrs. Henry E. Chace, Fall River.	
Alice Vara Proctor . . . . .	Spencer.
Mrs. Nathan A. Cobb, Sydney, Australia.	
Hannah Arabella Tucker . . . . .	North Brookfield.
Celia Eliza Whiteman . . . . .	Le Roy, N. Y.
Batavia, N. Y.	
Fanny Alberta Williams . . . . .	Worcester.

### SECOND CLASS, JANUARY, 1877.

Frances Maria Athy . . . . .	Worcester.
Effie Lillian Bennett (Secretary) . . . . .	Worcester.
Sarah Ann Boyd . . . . .	Cherry Valley.

NAMES.	RESIDENCES.
Florence Emily Brown . . . . .	<i>East Douglas.</i>
Mrs. Horace Martin, <i>East Douglas.</i>	
Harriet Abigail Brown . . . . .	<i>East Douglas.</i>
Mary Ellen Cecilia Carroll . . . . .	<i>Worcester.</i>
Jennie Luliona Dearborn . . . . .	<i>Worcester.</i>
Clara Amelia Grout . . . . .	<i>Worcester.</i>
Mrs. John W. Nichols, <i>Barre, Vt.</i>	
Milly Jane Hall . . . . .	<i>Upton.</i>
Mrs. Henry L. Patrick, <i>Hopedale.</i>	
Gertrude Hawkins . . . . .	<i>Fitchburg.</i>
Mrs. Charles F. Wilson, <i>Fitchburg.</i>	
Augusta Seaver Houghton . . . . .	<i>Wilkinsonville.</i>
Mrs. Louis E. Chase, <i>Wilkinsonville.</i>	
Annie Devereaux Johnson . . . . .	<i>Worcester.</i>
Mrs. James Logan, <i>Worcester.</i>	
Helena Adelaide Marie Kalaher . . . . .	<i>Worcester.</i>
Gertrude Mitchell King . . . . .	<i>Nantucket.</i>
Margaret Jane McCann . . . . .	<i>Worcester.</i>
Mary Elizabeth Murphy . . . . .	<i>Worcester.</i>
<i>Philadelphia, Pa.</i>	
Jeanette Maria Putnam . . . . .	<i>Northbridge.</i>
Mrs. Edward E. Clark, <i>Dorchester.</i>	

## THIRD CLASS, JULY, 1877.

Carrie Maria Adams . . . . .	<i>Worcester.</i>
Emma Abbie Bigelow . . . . .	<i>Holden.</i>
Mrs. E. C. Houghton, <i>Portland, Me.</i>	
Ida Frances Boyden . . . . .	<i>Oakham.</i>
Mrs. Alvan H. Brown, <i>East Douglas.</i>	
Jennie Ellis Chandler . . . . .	<i>Duxbury.</i>
Bessie Alice Chase . . . . .	<i>Worcester.</i>
Mrs. Edmund P. Capron, <i>Boston.</i>	
Joseph Percy Chase . . . . .	<i>Worcester.</i>
<i>Providence, R. I.</i>	
Katie Agnes Coughlin . . . . .	<i>Worcester.</i>
Mrs. David L. Bradt, <i>Worcester.</i>	
Mabel Crane . . . . .	<i>Blackstone.</i>
Mrs. W. Henry DeLong, <i>Worcester.</i>	
Mary Rebecca Doherty . . . . .	<i>Worcester.</i>
Mrs. Thomas D. Connolly, <i>Beverly Farms.</i>	
Eliza Ann Fairbanks . . . . .	<i>Westborough.</i>
Mrs. C. H. Hersem, <i>Westborough.</i>	

NAMES.	RESIDENCES.
Ellen Montgomery Fitts . . . . .	<i>Worcester.</i>
Mrs. Robert M. Higgins, <i>St. Louis, Mo.</i>	
Mary Elizabeth Fitzgerald . . . . .	<i>Worcester.</i>
Ida Louise Gaskill (Secretary) . . . . .	<i>Blackstone.</i>
Ella Eudora Hall . . . . .	<i>Worcester.</i>
Mrs. Alfred C. Bradish, <i>Worcester.</i>	
Mary Field Harrington . . . . .	<i>Worcester.</i>
Anna Beatrice Hopkins . . . . .	<i>Worcester.</i>
Mrs. John H. Leland, <i>Worcester.</i>	
Olive Rice Jenks . . . . .	<i>Spencer.</i>
Mrs. Benjamin S. Crocker, <i>Topeka, Kan.</i>	
Luci Naomi Jennison . . . . .	<i>East Templeton.</i>
Mary Ann Kean . . . . .	<i>Worcester.</i>
Mrs. James Early, <i>Worcester.</i>	
Anna Maria Murray . . . . .	<i>Worcester.</i>
Katie Ann McCarthy . . . . .	<i>Worcester.</i>
Minnie Willietta Sherman . . . . .	<i>Worcester.</i>
Anna Maud Smith . . . . .	<i>Worcester.</i>
Mrs. Otis A. Merrill, <i>Lowell.</i>	
Died in Lowell, April 30, 1886.	
Hattie Urania Thwing . . . . .	<i>Worcester.</i>
Mrs. Charles F. Smith, <i>Worcester.</i>	
Annie Teresa Timon . . . . .	<i>Worcester.</i>
Isabella Livingston Tullis . . . . .	<i>Worcester.</i>
Mrs. William A. Harding, <i>Brooklyn, N. Y.</i>	
Jennie Abbie Whitney . . . . .	<i>Worcester.</i>
Mrs. Henry H. Browning, <i>Haverhill.</i>	

## FOURTH CLASS, JANUARY, 1878.

Lizzie Joanna Andrews . . . . .	<i>Worcester.</i>
Addie Jane Booth (Secretary) . . . . .	<i>Worcester.</i>
Mrs. Alvarado A. Coburn, <i>Worcester.</i>	
Ella Agnes Casey . . . . .	<i>Worcester.</i>
Elizabeth Edwina Chapin . . . . .	<i>Worcester.</i>
Jennie Cora Clough . . . . .	<i>Worcester.</i>
Edna Currier . . . . .	<i>Worcester.</i>
Mrs. Amory C. Holden, <i>Worcester.</i>	
Anna Crosby Cutting . . . . .	<i>Templeton.</i>
Katie Anna Fallon . . . . .	<i>Worcester.</i>
Mrs. Thomas W. Butler, <i>Worcester.</i>	
Addie Eliza Kendall . . . . .	<i>Worcester.</i>
Mrs. William E. Waite, <i>Worcester.</i>	

NAMES.	RESIDENCES.
Armina Lillian Paul . . . . .	<i>Worcester.</i>
Mrs. James C. Stewart, <i>Worcester.</i>	
Lilla Maria Rice . . . . .	<i>Grafton.</i>
Mrs. Charles L. Ware, <i>Fort Scott, Kan.</i>	
Fanny Louise Smythe . . . . .	<i>Worcester.</i>
Mrs. John F. Kyes, <i>Worcester.</i>	
Died in Worcester, April 19, 1882.	
Marietta Sykes . . . . .	<i>Blackstone.</i>
Mrs. Edward D. Brown, <i>Minneapolis, Minn.</i>	
Mary Alice Winter . . . . .	<i>Northbridge.</i>
<i>Worcester.</i>	

## FIFTH CLASS, JULY, 1878.

Nettie Eliza Adams . . . . .	<i>Fitchburg.</i>
Mrs. J. Chauncey Lyford, <i>Worcester.</i>	
Elizabeth Estelle Bent . . . . .	<i>South Gardner.</i>
Mrs. Franklin Eaton, <i>South Gardner.</i>	
Emma Frances Brown . . . . .	<i>Worcester.</i>
Isabella Newton Eddy . . . . .	<i>Leicester.</i>
Mrs. Charles T. Newton, <i>West Boylston</i>	
Mary Abby Hayward . . . . .	<i>Ashby.</i>
Mary Elizabeth Houghton (Secretary) . . . . .	<i>Worcester.</i>
Mrs. C. David White, <i>Washington, D. C.</i>	
Isabel Pemberton Morey . . . . .	<i>West Brookfield.</i>
Harriet Betsey Sargent . . . . .	<i>South Gardner.</i>
<i>West Somerville.</i>	
Carrie Angelicia Smith . . . . .	<i>Worcester.</i>
Nellie Blake Webber . . . . .	<i>Worcester.</i>
Mrs. Winslow S. Lincoln, <i>Worcester.</i>	

## SIXTH CLASS, JANUARY, 1879.

Jennie Irene Adams . . . . .	<i>Fitchburg.</i>
Mrs. Charles F. Martensen, <i>Springfield.</i>	
Hattie Woodward Arnold . . . . .	<i>Westborough.</i>
Mrs. D. O. Clark, <i>Warren.</i>	
Emma Buckley . . . . .	<i>Worcester.</i>
Mary Rosalie Goddard (Secretary) . . . . .	<i>Worcester.</i>
Mary Emma Hastings . . . . .	<i>Westborough.</i>
Jennie Leonora Higgins . . . . .	<i>Worcester.</i>
Effie Frances Kinne . . . . .	<i>Plainfield, Conn.</i>
Mrs. Edwin D. Goodell, <i>Brookfield.</i>	
Katie Agatha McLoughlin . . . . .	<i>Worcester.</i>

NAMES.	RESIDENCES.
Hattie Stearns Putnam . . . . .	<i>Worcester.</i>
Sarah Elizabeth Rogers . . . . .	<i>Worcester.</i>
Mrs. Edwin N. Sanderson, <i>Brooklyn, N. Y.</i>	
Adeline Estelle Sprague . . . . .	<i>Worcester.</i>
Marion Capitola Tucker . . . . .	<i>North Brookfield.</i>

## SEVENTH CLASS, JULY, 1879.

Eugene Bacon . . . . .	<i>Framingham.</i>
<i>Nobscot.</i>	
Mary Ella Clark . . . . .	<i>Paxton.</i>
Susan Drake . . . . .	<i>Spencer.</i>
Died in Spencer, June 16, 1888.	
Maggie Agnes Flaherty . . . . .	<i>Worcester.</i>
Emma Lorette Giffin . . . . .	<i>Templeton.</i>
Mrs Charles H. Wright, <i>Haselton, Ohio.</i>	
Katie Elizabeth Kenney . . . . .	<i>Worcester.</i>
<i>Milford.</i>	
Ellen French Lindsay . . . . .	<i>Grafton.</i>
Henrietta Agnes Murray (Secretary) . . . . .	<i>Worcester.</i>
Anna Harriet Newton . . . . .	<i>Paxton.</i>
Mrs. Fred. Barnes, <i>Worcester.</i>	
Edwin Thomas Painter, B. S. . . . .	<i>Worcester.</i>
Edwin Thomas Painter, M. D., <i>Pittsburg, Pa.</i>	
Emma Miller Plimpton . . . . .	<i>Northbridge.</i>
Mary Agnes Rourke . . . . .	<i>Worcester.</i>
Mary Abbie Sanborn . . . . .	<i>West Baldwin, Me.</i>
Mrs. George B. Paddock, <i>Minneapolis, Minn.</i>	
Abby Brewer Shute . . . . .	<i>Auburn.</i>

## EIGHTH CLASS, JULY, 1880.

Sarah Maria Averill . . . . .	<i>Plainfield, Conn.</i>
Cora Anna Baldwin . . . . .	<i>Worcester.</i>
Mary Elizabeth Barnard . . . . .	<i>Harvard.</i>
Mrs. William J. D'Ewart, <i>Worcester.</i>	
Mary Mead Bowen . . . . .	<i>Mianus, Conn.</i>
Mary Etta Buxton . . . . .	<i>Worcester.</i>
Mrs. Robert W. Robinson, <i>Worcester.</i>	
Sarah Maria Davis . . . . .	<i>Webster.</i>
Daisy Alice Miranda Fairchild . . . . .	<i>Worcester.</i>
Mrs. Sidney A. Sherman, <i>Amherst.</i>	
Hattie Grant Gates (Secretary) . . . . .	<i>Worcester.</i>

NAMES.	RESIDENCES.
Mary Gertrude Griggs . . . . .	<i>Worcester.</i>
Etta Lorenda Hill . . . . .	<i>West Upton.</i>
<i>Mrs. Edward H. Forbush, Worcester.</i>	
Caroline Elizabeth Howe . . . . .	<i>Paxton.</i>
Mary Anne Kane . . . . .	<i>North Brookfield.</i>
<i>Mrs. John A. Howard, Spencer.</i>	
Harriet Lightbourn . . . . .	<i>Worcester.</i>
Alice Eliza Meriam . . . . .	<i>Worcester.</i>
Emma Sophronia Peirce . . . . .	<i>Leicester.</i>
<i>Died in Worcester, March 26, 1884.</i>	
Nellie Louisa Pierce . . . . .	<i>Chesterfield, N. H.</i>
<i>Mrs. Fred. W. Fogg, Worcester.</i>	
Rosa Isabelle Seavey . . . . .	<i>Worcester.</i>
<i>Mrs. William C. Howe, Worcester.</i>	
Anna Philena Smith . . . . .	<i>Central Village, Conn.</i>
Maude Mary Smith . . . . .	<i>Grafton.</i>
Marina Harwood Tucker. . . . .	<i>North Brookfield.</i>

## NINTH CLASS, JULY, 1881.

N. B. — Graduates whose names are marked with (A) have, besides passing through the regular course of study, served for a half year as apprentices (see page 18) in the public schools of the city of Worcester.

Selma Petronella Ahlstrom (A) . . . . .	<i>Worcester.</i>
Hattie Bond Andrews (A) . . . . .	<i>Worcester.</i>
Olive Maria Butler . . . . .	<i>Worcester.</i>
<i>Mrs. Charles F. Howard, Orange.</i>	
Elida Maria Capen (A) . . . . .	<i>Charlton.</i>
Rebecca Harlow Davie . . . . .	<i>Worcester.</i>
Wilton Herbert Desper, B. S. . . . .	<i>Worcester.</i>
Edward Doolittle Fitch . . . . .	<i>Worcester.</i>
<i>Edward Doolittle Fitch, M. D., Worcester.</i>	
Anna Trask Kelley (A) . . . . .	<i>Worcester.</i>
Mary Emily McCormick (A) . . . . .	<i>Worcester.</i>
Alice Caroline Mason (A) (Secretary) . . . . .	<i>Worcester.</i>
<i>Mrs. George F. Barnard, Worcester.</i>	
Catherine Theresa Nevins (A) . . . . .	<i>Nantucket.</i>
Georgiana Maria Newton (A) . . . . .	<i>Worcester.</i>
Bertha May Peckham (A) . . . . .	<i>Southborough.</i>
<i>Mrs. Elmer I. Balcom, Whitinsville.</i>	



NAMES.	RESIDENCES.
Elizabeth Nettie Robinson . . . . . Mrs. W. S. Hincks, <i>Hyde Park.</i>	<i>Templeton.</i>
Angenette Ethelinda Stone (A) . . . . . <i>Minneapolis, Minn.</i>	<i>Northbridge.</i>
Jennie Matilda Tainter (A) . . . . .	<i>Worcester.</i>

## TENTH CLASS, JANUARY, 1882.

Florence Bicknell (A) . . . . . Died in Boston, May 28, 1885.	<i>Rowe.</i>
Alice Chapin (A) . . . . .	<i>Auburn.</i>
Abbie Mitchell Dorr . . . . .	<i>Southborough.</i>
Mary Blake Dudley (A) . . . . . <i>New York City.</i>	<i>Worcester.</i>
Emma Gertrude Goodwin (A) . . . . .	<i>Worcester.</i>
Abbie Calista Hale . . . . .	<i>Hubbardston.</i>
Lizzie Frances Jones (A) . . . . .	<i>Lunenburg.</i>
Fransess Dolbell Martin . . . . .	<i>Worcester.</i>
Ida Marion McCambridge (A) (Secretary) . . . . .	<i>Worcester.</i>
Elizabeth Adelaide Potter . . . . .	<i>Worcester.</i>
Mary Ella Proctor (A) . . . . . Mrs. Henry B. Quimby, <i>Malden.</i>	<i>Worcester.</i>
Anna Bush Ranger (A) . . . . .	<i>Worcester.</i>
Sarah Lydia Sawyer . . . . .	<i>Fitchburg.</i>
Caroline Isabel Stone (A) . . . . . Mrs. William Woodward, <i>Worcester.</i>	<i>Auburn.</i>
Mabel Burnside Tew (A) . . . . . Mrs. Hiram E. Barnard, <i>Worcester.</i>	<i>Worcester.</i>
Anna Laura Wells (A) . . . . . Mrs. Benjamin T. Henry, <i>Rowe.</i>	<i>Rowe.</i>
Mary Blanche Wheatly (A) . . . . . Died in Worcester, Feb. 7, 1886.	<i>Worcester.</i>

## ELEVENTH CLASS, JUNE, 1882.

Harriet Almira Baker . . . . .	<i>Phillipston.</i>
Addie Maria Blenus . . . . .	<i>Worcester.</i>
Anna Theresa Cavanaugh (A) . . . . .	<i>Worcester.</i>
Louis Richards Condry . . . . .	<i>Groton.</i>
Ann Foskett (A) . . . . . <i>Worcester.</i>	<i>Webster.</i>
Mary Elizabeth Horgan (A) . . . . . Mrs. John J. Brennan, <i>Worcester.</i>	<i>Worcester.</i>

NAMES.	RESIDENCES.
Mary Eliza Jenks (A) . . . . .	<i>Spencer.</i>
Mrs. G. Samuel Boutelle, <i>Spencer.</i>	
Julia Ardelle Mann (A) . . . . .	<i>Blackstone.</i>
Edwin Scott Matthews, B. S. . . . .	<i>Worcester.</i>
<i>Boston.</i>	
Grace Emily Pearl (A) . . . . .	<i>Southborough.</i>
Mrs. Albert C. Brown, <i>Fitchburg.</i>	
Ada Dora Saunders (A) . . . . .	<i>Worcester.</i>
Mrs. John W. Dodd, <i>Worcester.</i>	
Jennie Melenda Sprout . . . . .	<i>Worcester.</i>
Died in Worcester, Feb. 24, 1886.	
Anna Daniels Stowell (A) (Secretary) . . . . .	<i>Worcester.</i>
Mrs. George H. Johnson, <i>Ketchum, Idaho.</i>	
Mary Florence Stratton (A) . . . . .	<i>Millbury.</i>
Mrs. Walter N. Walling, <i>Auburndale.</i>	

## TWELFTH CLASS, JANUARY, 1883.

Martha Dowse Adams (A) . . . . .	<i>Worcester.</i>
<i>Boston.</i>	
Harriet Annie Colton . . . . .	<i>Oxford.</i>
Mrs. Frederick A. Wellington, <i>Webster.</i>	
Mary Ellen Convery (A) . . . . .	<i>Worcester.</i>
Hannah Mary Kickham (A) . . . . .	<i>Worcester.</i>
Mary Catherina Morrissey (A) . . . . .	<i>Worcester.</i>
Mabel Piper (A) . . . . .	<i>Worcester.</i>
Anna Theresa Smith (A) . . . . .	<i>Worcester.</i>
Mary Celia Smith (A) (Secretary) . . . . .	<i>Worcester.</i>
Etta Melissa Thayer (A) . . . . .	<i>Worcester.</i>
<i>Alhambra, Cal.</i>	
Etta Theresa Whalen (A) . . . . .	<i>Worcester.</i>

## THIRTEENTH CLASS, JUNE, 1883.

Ada Bartlett Braman . . . . .	<i>Worcester.</i>
Mrs. Charles L. Tower, <i>Worcester.</i>	
Minnie Anna Burgess Chase . . . . .	<i>Worcester.</i>
Mrs. Frank E. Whitehouse, <i>Worcester.</i>	
Louise Frances Clark (A) . . . . .	<i>Paxton.</i>
Mary Louise Gafney (A) . . . . .	<i>Worcester.</i>
Alphonsine Talon L'Esperance (A) . . . . .	<i>Worcester.</i>
Died in St. Hyacinthe, Que., Jan. 1, 1887.	
Mary Frye Lewis . . . . .	<i>Willimantic, Conn.</i>
Mary Agnes McGillicuddy . . . . .	<i>Worcester.</i>

NAMES.	RESIDENCES.
Mary Alice Marshall . . . . .	Still River.
<i>Manchester, N. H.</i>	
Jessie Moore Nichols . . . . .	Auburn.
Jennie Mitchell Perrin . . . . .	Westborough.
<i>Mrs. Frederick A. Richardson, Worcester.</i>	
Alice Valentine Phelps . . . . .	Worcester.
Estella Virginia Rolston (A) (Secretary) . . . . .	Worcester.
<i>Honolulu, Hawaiian Islands.</i>	
Jennie Elizabeth Sanderson (A) . . . . .	Worcester.
Mary Gertrude Smith (A) . . . . .	Quinsigamond.
Agnes Rose Stewart (A) . . . . .	Worcester.
Abbie Josephine Taft (A) . . . . .	Worcester.
<i>New York City.</i>	
Lizzie Minnie Urban . . . . .	South Westminster.
Octavia Howard Vaughan (A) . . . . .	Worcester.
Hattie Louisa White . . . . .	Boylston Centre.
Margaret Osgood Whitney . . . . .	Worcester.
<i>Mrs. Frederick W. Blackmer, Worcester.</i>	
Grace Carpenter Williams (A) . . . . .	Gardiner, Me.
<i>Mrs. Charles S. J. Ruggles, Gardner.</i>	

## FOURTEENTH CLASS, JANUARY, 1884.

Mary Louise Blenus (A) . . . . .	Worcester.
<i>Died in Millbury, Feb. 6, 1887.</i>	
Daniel Henry Casey . . . . .	Worcester.
Ellen Gertrude Daley (A) . . . . .	Worcester.
Adelia Teresa Gauren (A) . . . . .	Worcester.
Eliza Tainter Gilbert (A) . . . . .	Worcester.
<i>Mrs. George Day, Worcester.</i>	
Eudora Estella Hay (Secretary) . . . . .	Worcester.
John Edward Lynch . . . . .	Worcester.
Nellie Abbie Robbins (A) . . . . .	Rochester, N. Y.
<i>Mrs. Henry W. Sykes, Sheffield.</i>	

## FIFTEENTH CLASS, JUNE, 1884.

Maria Fernald Bosworth (A) (Secretary) . . . . .	Worcester.
Maud Loetta Davis (A) . . . . .	Worcester.
Ellen Frances Fallon . . . . .	Worcester.
Margaret Frances Hagan . . . . .	Worcester.
Lilla Ingalls . . . . .	East Templeton.
<i>Mrs. Albert D. Felch, West Medford.</i>	

NAMES.	RESIDENCES.
Mary Jessie King . . . . . Mrs. Frank H. Buxton, <i>Worcester.</i>	<i>Middleville, N. Y.</i>
Etta Rosella Leonard (A) . . . . . Mrs. Irving E. Comins, <i>Worcester.</i>	<i>Worcester.</i>
Mary McCann (A) . . . . . <i>New Britain, Conn.</i>	<i>Leominster.</i>
Anna Gertrude Melanefy (A) . . . . . Died in Worcester, Nov. 30, 1885.	<i>Worcester.</i>
Annie Ward Newell (A) . . . . .	<i>Millbury.</i>
Helena Bridget O'Keefe . . . . . <i>Providence, R. I.</i>	<i>Worcester.</i>
Edith Marietta Rolston (A) . . . . .	<i>Worcester.</i>
Mary Lucy Seavey (A) . . . . .	<i>Worcester.</i>
Alice Alberta Tatman (A) . . . . . Mrs. Arthur E. Hayer, <i>Quinsigamond.</i>	<i>Quinsigamond.</i>
Elizabeth Pickering Thompson . . . . . Mrs. Albert DeMeritt, <i>Durham, N. H.</i>	<i>Durham, N. H.</i>
Katy Adaline Wilder . . . . . Mrs. R. Lincoln Chandler, <i>Sterling.</i>	<i>Sterling.</i>

## SIXTEENTH CLASS, JANUARY, 1885.

Katherine Blanche Adams . . . . . Mrs. Lester T. Crook, <i>Worcester.</i>	<i>Worcester.</i>
Mary Louise Burroughs . . . . .	<i>Boxborough.</i>
Minnie Jennie Condy A . . . . . Mrs. Charles F. Pharaoh, <i>Worcester.</i>	<i>Worcester.</i>
Emma Florence Davis . . . . . Mrs. George E. Stone, <i>Shrewsbury.</i>	<i>Shrewsbury.</i>
Cora Belle Drew . . . . .	<i>Burlington, Vt.</i>
Anna Gertrude Foley (A) . . . . .	<i>Worcester.</i>
Julia Elizabeth Green (A) . . . . .	<i>Worcester.</i>
Lucy Maria Green (A) (Secretary) . . . . .	<i>Worcester.</i>
Catharine Aloysia Hackett (A) . . . . .	<i>Worcester.</i>
Annie Maria Ham (A) . . . . .	<i>Worcester.</i>
Carrie Adaline Hildreth (A) . . . . .	<i>Worcester.</i>
Mary Anne McBride (A) . . . . .	<i>Worcester.</i>
Ellen Gertrude McGillicuddy (A) . . . . .	<i>Worcester.</i>
Mary Agnes Morrissey A) . . . . .	<i>Worcester.</i>
Delia Isabel Newbury (A) . . . . . Mrs. Willis E. Knowlton, <i>Worcester.</i>	<i>Worcester.</i>
Carrie Louise Paige (A) . . . . .	<i>Hardwick.</i>

NAMES.	RESIDENCES.
Ida May Parsons (A) . . . . .	<i>Holden.</i>
Frances May Prentice (A) . . . . .	<i>Westborough.</i>
Hannah Sheehan (A) . . . . .	<i>Whitinsville.</i>
Mary Elizabeth Talbot Tandy . . . . .	<i>Athol.</i>
Ella Maria Wells (A) . . . . .	<i>Deerfield.</i>
Alvena Betsy Williams (A) . . . . .	<i>Paxton.</i>
Mrs. George E. Stimson, <i>Leicester.</i>	

## SEVENTEENTH CLASS, JUNE, 1885.

Ida Florence Buxton . . . . .	<i>Worcester.</i>
Cora Augusta Cooley (A) . . . . .	<i>Worcester.</i>
Mrs. Edward Lawton, <i>Ayer.</i>	
Amy Holbrook Dana (A) . . . . .	<i>West Boylston.</i>
<i>Atlanta, Ga.</i>	
Minnie Alberta Davis . . . . .	<i>Worcester.</i>
Carrie Elizabeth Dodd (A) . . . . .	<i>Paxton.</i>
Emily Sophia Gaskill (A) . . . . .	<i>Mendon.</i>
Emma Jane Goddard (A) . . . . .	<i>Grafton.</i>
Emma Eliza Hayward . . . . .	<i>Ashby.</i>
Benjamin West Kinney (A) (Secretary) . . . . .	<i>Worcester.</i>
Georgia Hudson Lakin (A) . . . . .	<i>Paxton.</i>
Mrs. Charles H. Dodd, <i>Worcester.</i>	
Ada Elvera Mason . . . . .	<i>Worcester.</i>
Agnes Josephine O'Gorman (A) . . . . .	<i>Worcester.</i>
Carrie Melinda Sweetzer (A) . . . . .	<i>Worcester.</i>
Florence Mabel Waite (A) . . . . .	<i>Pittsfield.</i>

## EIGHTEENTH CLASS, JANUARY, 1886.

Alice Lucina Bainbridge (A) . . . . .	<i>Worcester.</i>
Alice Rosilla Barton (A) . . . . .	<i>Upton.</i>
Grace Rebecca Everett (A) (Secretary) . . . . .	<i>Worcester.</i>
Edith May Harding (A) . . . . .	<i>Worcester.</i>
Sarah Wyman Hay (A) . . . . .	<i>Worcester.</i>
Nellie Francene Monroe (A) . . . . .	<i>Rutland.</i>
Julia Agnes Quinn (A) . . . . .	<i>Worcester.</i>
Margaret Scott (A) . . . . .	<i>Burlington, Vt.</i>
Annie Gertrude Thompson (A) . . . . .	<i>Worcester.</i>
Carrie Alona Thompson (A) . . . . .	<i>Worcester.</i>

## NINETEENTH CLASS, JUNE, 1886.

NAMES.	RESIDENCES.
Cora Jane Ball (A) . . . . .	<i>Grafton.</i>
Addie Taylor Banister . . . . .	<i>Worcester.</i>
Clara Harwood Bemis . . . . .	<i>Spencer.</i>
Julia Meeker DeCamp (A) . . . . .	<i>Worcester.</i>
<i>Mrs. Sanford D. Leland, Holyoke.</i>	
Mary Jennie Hart (A) . . . . .	<i>Worcester.</i>
Susan Rhoda Hartwell (A) . . . . .	<i>Oxford.</i>
Thomas Joseph Higgins (A) (Secretary) . . . . .	<i>Worcester.</i>
Mary Alice Johnson . . . . .	<i>Westborough.</i>
Mary Elizabeth Joyce (A) . . . . .	<i>Worcester.</i>
Carrie Lauretta Maynard (A) . . . . .	<i>Worcester.</i>
Susan Augusta Peirce (A) . . . . .	<i>West Boylston.</i>
<i>Died in West Boylston, April 27, 1888.</i>	
Abby Louise Penniman (A) . . . . .	<i>Worcester.</i>
Hattie May Ruggles (A) . . . . .	<i>Worcester.</i>
Annie Elisabeth Tucker (A) . . . . .	<i>Chelsea.</i>
<i>Melrose.</i>	
Ella Maria Whitney . . . . .	<i>Upton.</i>
<i>Mrs. Allen D. Risteen, Hartford, Conn.</i>	
Carrie Howard Wilmarth (A) . . . . .	<i>Worcester.</i>

## TWENTIETH CLASS, JANUARY, 1887.

Harriet Louise Brewster (A) . . . . .	<i>Westborough.</i>
May Elsie Chapin . . . . .	<i>Worcester.</i>
Caroline Gertrude Cooke (A) . . . . .	<i>Worcester.</i>
Sarah Leighton Dinsmore . . . . .	<i>Lowell.</i>
Sarah Elizabeth Earley (A) . . . . .	<i>Spencer.</i>
Carrie Lincoln Fletcher (A) . . . . .	<i>Worcester.</i>
Marion Holbrook (A) . . . . .	<i>Worcester.</i>
Florence Holman (A) . . . . .	<i>West Millbury.</i>
Marietta Knight . . . . .	<i>Worcester.</i>
Elizabeth McFarland . . . . .	<i>Sutton.</i>
Hattie Louise Partridge (A) . . . . .	<i>Worcester.</i>
Cora Deborah Elizabeth Robinson (A) . . . . .	<i>Worcester.</i>
Lilian Ainsworth Smith (A) . . . . .	<i>Dudley.</i>
Florence Sherman Waite (A) (Secretary) . . . . .	<i>Worcester.</i>

NAMES.	RESIDENCES.
Lizzie Helen Wallis (A) . . . . .	<i>North Oxford.</i>
Margaret Louisa Walsh (A) . . . . .	<i>Worcester.</i>
Henrietta Maria Wright (A) . . . . .	<i>East Templeton.</i>

*TWENTY-FIRST CLASS, JUNE, 1887.*

Olive Minerva Barnes (A) . . . . .	<i>Worcester.</i>
Alice Harriette Belding . . . . .	<i>Worcester.</i>
Annie Josephine Butterfield (A) . . . . .	<i>Worcester.</i>
Lulu Louise Clarke (A) . . . . .	<i>Worcester.</i>
Albert Swain Colburn . . . . .	<i>Shirley Village.</i>
Anna Burgess Collier (A) . . . . .	<i>Worcester.</i>
Josephine Pauline Convery (A) . . . . .	<i>Worcester.</i>
Margaret Mary Hanley (A) . . . . .	<i>Worcester.</i>
Addie Maria Harthan (A) . . . . .	<i>Worcester.</i>
Kate Maria Healy (A) . . . . .	<i>Worcester.</i>
Nellie Gertrude Jerome (A) . . . . .	<i>Worcester.</i>
Cora Emma Kemp (A) . . . . .	<i>Worcester.</i>
Abbie Curtis Knight (A) . . . . .	<i>Worcester.</i>
Emma Martha McCormick . . . . .	<i>Spencer.</i>
Honora Lucy Murphy (A) . . . . .	<i>Worcester.</i>
Mary Jane Newton (A) . . . . .	<i>Greenfield.</i>
Abigail Loretta O'Hara (A) . . . . .	<i>Worcester.</i>
Lucy Reed Poland (A) (Secretary) . . . . .	<i>Worcester.</i>
Mary Teresa Power (A) . . . . .	<i>Worcester.</i>
Miriam Frances Proctor (A) . . . . .	<i>Spencer.</i>
May Caroline Rogers (A) . . . . .	<i>Worcester.</i>
Kate Emogene Smith (A) . . . . .	<i>Florence.</i>
Louise Adelia Stockdale (A) . . . . .	<i>Worcester.</i>
Charlotte May Taylor (A) . . . . .	<i>Bolton.</i>
Bertha Caroline Yeaton (A) . . . . .	<i>Worcester.</i>

*TWENTY-SECOND CLASS, JANUARY, 1888.*

Jennie Ambrose Casey (A) . . . . .	<i>Worcester.</i>
Margaret Anne Connolly (A) . . . . .	<i>Worcester.</i>
Idaline Dawley (A) . . . . .	<i>Plainfield, Conn.</i>
Died in Plainfield, Conn., Sept. 4, 1888.	
Catherine Teresa Donnelly (A) . . . . .	<i>Worcester.</i>

NAMES.	RESIDENCES.
Annie Elizabeth Fales (A)	<i>Westborough.</i>
Ida Childs Gleason	<i>West Brookfield.</i>
Ida Etta Leland (A)	<i>Upton.</i>
Mary Mackin (A)	<i>Worcester.</i>
Fanny Richards Brewer Macomber (A)	<i>Worcester.</i>
Edith Maria Marsh	<i>Leicester.</i>
Mary Gertrude Overend (A) (Secretary)	<i>Worcester.</i>
Cora Almira Paige (A)	<i>Worcester.</i>
Dora Alvira Paige (A)	<i>Worcester.</i>
Julia Winifred Smith (A)	<i>Quinsigamond.</i>
Minnie Belle Stearns (A)	<i>North Leominster.</i>

## TWENTY-THIRD CLASS, JUNE, 1888.

Mary Agnes Cunningham (A)	<i>Worcester.</i>
Amelia Louisa Diemar (A)	<i>Worcester.</i>
Minnie Isabel Gage (A)	<i>Worcester.</i>
Henry Dwight Hunt	<i>Columbia, Conn.</i>
Anna Miriam Johnson (A)	<i>Worcester.</i>
Edith Genevieve Loring	<i>Westborough.</i>
Jeannette Morrill (A)	<i>Benton, N. H.</i>
Gertrude Emma Nash (A)	<i>Worcester.</i>
Mary Alice O'Gready (A)	<i>Worcester.</i>
Annie Brown Porter (A)	<i>Manchester, N. H.</i>
Mary Agnes Quinn (A)	<i>Worcester.</i>
Flora Addy Strong	<i>Starksborough, Vt.</i>
Margaret Gertrude Sullivan (A)	<i>Worcester.</i>
Mary Louise Taylor (A) (Secretary)	<i>Worcester.</i>
Helen Frances Walker	<i>Worcester.</i>

## TWENTY-FOURTH CLASS, JANUARY, 1889.

Martha Jennie Alton (A)	<i>Worcester.</i>
Harriet Amelia Blood (A)	<i>Worcester.</i>
Carrie Maria Bunce (A)	<i>Worcester.</i>
Anna Callahan	<i>Barre.</i>
Harriet Washburn Cook (A)	<i>Worcester.</i>



NAMES.	RESIDENCES.
Jennie Maria Fairbanks . . . . .	<i>Holden.</i>
Ellen Estelle Fitzgerald (A) . . . . .	<i>Worcester.</i>
Cecilia Theresa Kelley (A) . . . . .	<i>Worcester.</i>
Sarah Ann McCormick (A) . . . . .	<i>Worcester.</i>
Ellen Agnes McTiernan (A) . . . . .	<i>Worcester.</i>
Alice Elizabeth Marsh . . . . .	<i>Leicester.</i>
Katherine Mathews (A) . . . . .	<i>Westborough.</i>
Grace Lamson Newton (A) . . . . .	<i>Oakdale.</i>
Ellen Agnes O'Neil (A) . . . . .	<i>Worcester.</i>
Mary Elizabeth Patten . . . . .	<i>Danby, Vt.</i>
Alice Cressy Plumer (A) . . . . .	<i>Maxwell, Neb.</i>
Grace Emeline Remington (A) . . . . .	<i>Worcester.</i>
Sara Elizabeth Rollison (A) . . . . .	<i>Worcester.</i>
Olive Russell (A) (Secretary) . . . . .	<i>Worcester.</i>
Mary Ann Agnes Short (A) . . . . .	<i>Worcester.</i>
Mary Alice Smith (A) . . . . .	<i>Worcester.</i>
Dora Taft . . . . .	<i>Mendon.</i>
Winifred Rosalie Todd (A) . . . . .	<i>Worcester.</i>
Addy Frances Yeaton (A) . . . . .	<i>Worcester.</i>

### SPECIAL STUDENTS

WHO HAVE RECEIVED CERTIFICATES OF PROFICIENCY.

1881.

Francis Patrick McKeon, A.M.

Richard Henry Mooney, A.M.

1882.

Thomas William Butler.

Owen Henry Conlin, A.B.

Peter Andrew Conlin, A.B.

Edward Aloysius Quinland, A.B.

1888.

Arthur Hay, A.B.

1886.

William Francis Carmody, A.B.

*SUMMARY OF NUMBERS.*

Number in the First Class . . . . .	10
Number in the Second Class . . . . .	17
Number in the Third Class . . . . .	27
Number in the Fourth Class . . . . .	14
Number in the Fifth Class . . . . .	10
Number in the Sixth Class . . . . .	12
Number in the Seventh Class . . . . .	14
Number in the Eighth Class . . . . .	20
Number in the Ninth Class . . . . .	16
Number in the Tenth Class . . . . .	17
Number in the Eleventh Class . . . . .	14
Number in the Twelfth Class . . . . .	10
Number in the Thirteenth Class . . . . .	21
Number in the Fourteenth Class . . . . .	8
Number in the Fifteenth Class . . . . .	16
Number in the Sixteenth Class . . . . .	22
Number in the Seventeenth Class . . . . .	14
Number in the Eighteenth Class . . . . .	10
Number in the Nineteenth Class . . . . .	16
Number in the Twentieth Class . . . . .	17
Number in the Twenty-first Class . . . . .	25
Number in the Twenty-second Class . . . . .	15
Number in the Twenty-third Class . . . . .	15
Number in the Twenty-fourth Class . . . . .	24
Total number of Graduates . . . . .	384
Number of Certificated Students . . . . .	8

## *GIFTS OF THE GRADUATING CLASSES.*

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These all form a part of the decoration of the main hall or school-room.

FIRST CLASS	.	.	.	.	.	.	.	Apollo. (Bust.)
SECOND CLASS	.	Angel-Boys, from Raphael's "Sistine Madonna."						(Photograph.)
THIRD CLASS	.	.	.	.	.	.	Guido's "Aurora."	(Photograph.)
FOURTH CLASS	.	.	.	.	.	.	Colosseum at Rome.	(Photograph.)
FIFTH CLASS	.	.	.	.	.	.	Julius Cæsar.	(Bust.)
SIXTH CLASS	.	.	.	.	.	.	John Locke.	(Bust.)
SEVENTH CLASS	.	.	.	.	.	.	Pestalozzi.	(Bust.)
EIGHTH CLASS	.	.	.	.	.	.	Ralph Waldo Emerson.	(French's Bust.)
NINTH CLASS	.	.	.	.	.	.	"An Old Monarch," by Rosa Bonheur.	(Engraving.)
TENTH CLASS	.	.	.	.	.	.	Pyramids and Sphinx.	(Photograph.)
ELEVENTH CLASS	.	.	.	.	.	.	Titian's "Flora."	(Photograph.)
TWELFTH CLASS	.	Michel Angelo's "Three Fates."						(Photograph.)
THIRTEENTH CLASS	.	.	.	.	.	.	Lincoln.	(Volk's Bust.)
FOURTEENTH CLASS	.	.	.	.	.	.	Webster.	(Photograph by Hawes.)
FIFTEENTH CLASS	.	.	.	.	.	.	Millet's "Spinner."	(Etching.)
SIXTEENTH CLASS	.	.	.	.	.	.	Franklin.	(Houdon's Bust.)

FOURTEENTH ANNIVERSARY,  
STATE NORMAL SCHOOL  
AT WORCESTER.

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➤ PROGRAMME. ➤

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THURSDAY, JUNE 21, 1888.

# FORENOON,

BEGINNING AT HALF-PAST NINE O'CLOCK.

SINGING, — Pleyel's Hymn, "To Thy Pastures Fair and Large." (Learnt by ear.)

*Arranged by Mr. C. C. Stearns.*

## *Reading of the Theses.*

TWENTY-SECOND CLASS, JANUARY, 1888.

JENNIE AMBROSE CASEY (A), . . . . . Worcester.

A FEW CHARACTERISTICS OF THE GERMAN SCHOOLS.

MARGARET ANNE CONNOLLY (A), . . . . . Worcester.

SCHOOL HYGIENE, DR. D. F. LINCOLN.

IDALINE DAWLEY (A), . . . . . Plainfield, Conn.

THE EDUCATION OF THE CHINESE.

\*CATHERINE TERESA DONNELLY (A), . . . . . Worcester.

A ROMANCE OF EDUCATION, — RICHTER'S "LEVANA."

\*ANNIE ELIZABETH FALES (A), . . . . . Westborough.

SOME CHARACTERISTICS OF BOYHOOD.

\*IDA CHILDS GLEASON, . . . . . North Brookfield.

CHILDREN'S MAKE-BELIEVES.

\*IDA ETTA LELAND (A), . . . . . Upton.

THE SAVAGERY OF CHILDHOOD.

NOTE. — Not all the essays can be read in the time allotted to the exercises. The names of the readers are indicated by a star.

N. B. — Graduates whose names are marked with (A) have, besides passing through the regular course of study, served for a half-year as apprentices in the public schools of the city of Worcester.

\*MARY MACKIN (A), . . . . . Worcester.

TREE-PLANTING AT THE NORMAL SCHOOL.

\*FANNY RICHARDS BREWER MACOMBER (A), . . . . . Worcester.

THE TEACHING OF WRITING IN THE PUBLIC SCHOOLS.

\*EDITH MARIA MARSH, . . . . . Leicester.

TREATMENT OF CHILDREN BY ADULTS.

\*MARY GERTRUDE OVEREND (A), . . . . . Worcester.

THE SCHOOL: MONARCHY OR REPUBLIC?

CORA ALMIRA PAIGE (A), . . . . . Worcester.

EXPLANATION OF TERMS IN READING.

\*DORA ALVIRA PAIGE (A), . . . . . Worcester.

FURNITURE AND ARRANGEMENT OF THE SCHOOL-ROOM.

JULIA WINIFRED SMITH (A), . . . . . Quinsigamond.

SOME OF LOCKE'S VIEWS ON EDUCATION.

MINNIE BELLE STEARNS (A), . . . . . North Leominster.

SCHOOL DECORATIONS.

RECESS, — FIVE MINUTES.

SINGING, — "The Night her veil is throwing," . . . . . *Rossini.*

TWENTY-THIRD CLASS, JUNE, 1888.

\*MARY AGNES CUNNINGHAM (A), . . . . . Worcester.

THE NORMAL SCHOOL GROUNDS.

AMELIA LOUISA DIEMAR (A), . . . . . Worcester.

SCHOOL ECONOMY.

\*MINNIE ISABEL GAGE (A), . . . . . Worcester.

HELEN KELLER.

- \*HENRY DWIGHT HUNT, . . . . . Columbia, Conn.  
 PHYSICAL SCIENCE IN THE COMMON SCHOOL.
- ANNA MIRIAM JOHNSON (A), . . . . . Worcester.  
 "THE PHYSICAL BASIS OF BRAIN-WORK."
- EDITH GENEVIEVE LORING, . . . . . Westborough.  
 THE AMBITION OF CHILDREN.
- \*JEANNETTE MORRILL (A), . . . . . Benton, N. H.  
 "SOUND-BLINDNESS."
- \*GERTRUDE EMMA NASH (A), . . . . . Worcester.  
 DIAGRAMS ILLUSTRATIVE OF STATISTICS.
- MARY ALICE O'GREADY (A), . . . . . Worcester.  
 INFLUENCE OF CHILDREN UPON ONE ANOTHER.
- ANNIE BROWN PORTER (A), . . . . . Manchester, N. H.  
 SOME DISADVANTAGES OF THE INDUCTIVE METHOD OF TEACHING.
- MARY AGNES QUINN (A), . . . . . Worcester.  
 ROSMINI'S "RULING PRINCIPLE OF METHOD."
- \*FLORA ADDY STRONG, . . . . . Starksborough, Vt.  
 CHILDREN'S MOTIVES.
- \*MARGARET GERTRUDE SULLIVAN (A), . . . . . Worcester.  
 THE CHILD PRODIGY.
- \*MARY LOUISE TAYLOR (A), . . . . . Worcester.  
 TOLSTOI'S SCHOOL AT FAIRFIELD.
- \*HELEN FRANCES WALKER, . . . . . Worcester.  
 EDUCATION IN ALASKA.

## AFTERNOON,

BEGINNING AT QUARTER-PAST TWO O'CLOCK.

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SINGING, — "Fatherland, Fatherland!" . . . . . *Franz Abt.*

VALEDICTORY, — TWENTY-SECOND CLASS.

IDALINE DAWLEY (A), . . . . . Plainfield, Conn.  
THE EDUCATION OF THE CHINESE.

---

VALEDICTORY, — TWENTY-THIRD CLASS.

ANNIE BROWN PORTER (A), . . . . . Manchester, N. H.  
SOME DISADVANTAGES OF THE INDUCTIVE METHOD OF TEACHING.

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## Award of Diplomas.

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SINGING, — Three old English Songs (learnt by ear and sung in unison):

1. "The Hunt is up!" (Chappell, 1667.)
2. "Ned that Died at Sea." (Dixlin.)
3. "With Jockey to the Fair." (Chappell.)

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## ANNIVERSARY ADDRESS.

By JOHN FISKE, of Cambridge.

Subject, — "THE ROMAN IDEA AND THE ENGLISH IDEA OF NATION-MAKING."

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SINGING, — The Parting Hour. "Still let our voices," . . . . . *Bellini.*

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## LAST REPORT OF THE STATE BOARD OF VISITORS CONCERNING THE WORCESTER SCHOOL.

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*[From the Fifty-second Annual Report of the Board of Education.]*

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The statistics presented as part of this report show that the Worcester school is accomplishing its proper work. The harmonious spirit in which this work is done can only be observed by those who are familiar with the daily exercises of the classes, or who watch the conduct of the graduates as they carry into the public schools of the Commonwealth, as a result of their training, the skill and enthusiasm which it is the express mission of the normal school to impart. There is less and less question, year by year, that the course of training afforded by our normal schools results in better and better teachers.

The steadily increasing demand for our graduates goes to prove this. They are sought for not only by cities and large villages where they have long been preferred, but also more and more by rural towns and in remote districts. It is unquestionable that they are gradually superseding untrained teachers, even those of experience, and at higher wages.

The normal type is recognized as the best, and amateur teachers try, by private study and by visiting schools taught by normal graduates, to approach this type as nearly as possible in their teaching. This is what might be expected. It is impossible, in the nature of things, that young people with the profession of teaching in view should spend two or three diligent years in preparation for their chosen calling, under experienced instructors, without substantial benefit.

There is, of course, no such thing as making good teachers out of inferior men and women; but, given persons of native intelligence and sense, it should go without saying that they can be taught to know and practise the principles of the art of teaching, as well as of any other art. Nor does this imply that teaching has attained the perfection of a science and can dispense with experiments. Such a notion belittles the process of education, and at the same time exaggerates the mastery of it that even the wisest and most skilful educators have as yet attained. The proper

attitude of the teacher, young or old, towards his art, is, and will long continue to be, one of intelligent, experimental study, and it is in this attitude that the normal school should aim to place its students.

#### THE ENTERING CLASSES.

The two classes admitted during the present year have had a longer and better preparation than any heretofore admitted to the school. A considerable number have already taught school successfully, and of the September class more than sixty per cent. are graduates of high schools. This is a gratifying fact, and gives good promise for the future.

When suitable and adequate preparation for the normal school shall have come to be the rule, instead of the exception, with those who apply for admission, our students will not only derive greater advantage from their course here, but will take still higher rank as graduates and teachers.

It may be added, however, that the attainments of the graduates of our normal schools are believed to be in general fully up to what the community demands, or is willing to pay for. As evidence of this, it has repeatedly been our experience that students, whom we have felt compelled to dismiss for lack of ability and promise, have not failed to find employment as teachers.

#### GRADUATES.

Our last public anniversary was an occasion of much interest. The theses presented by the graduating classes were all upon subjects strictly professional, some of them based upon original observations, and all showing a degree of care, zeal and intelligence in the preparation that reflected high credit upon the writers.

Among the visitors of prominence who honored the occasion with their presence was Dr. Joshua G. Fitch of England, one of Her Majesty's inspectors of schools, who kindly spoke some timely and encouraging words to the graduates.

Professor John Fiske of Cambridge delivered the anniversary address, a philosophical and eloquent exposition of "The Roman Idea and the English Idea of Nation-making."

It is a fact of some significance that every member of the graduating classes had passed with approbation the public examination of teachers by the school committee of Worcester, before receiving the normal school diploma.

#### TEACHERS.

The teaching staff remains the same as for some years past, with the addition of a new member, Miss Arabella H. Tucker of North Brookfield.

Miss Tucker was a member of the first class that graduated from this school, that of 1876, and has been a successful teacher and diligent student since that time. She is in full accord with the aims and methods of the school, and her character and attainments, as well as her skill as an instructor, give promise of much usefulness in the position to which she has been called. She is at present in charge of the department of botany, a subject to which she has for years given special attention.

The other teachers continue the zealous and faithful service which has given to the school the high character and reputation it has so long enjoyed.

#### PLUMBING AND DRAINAGE.

The plumbing of the school building was put in fifteen years ago, and was fairly well up to the standard of that time. Since then, however, radical changes of method have been made, and many of the arrangements and devices considered satisfactory a few years ago are no longer approved, or even tolerated in first-class buildings.

There is also a somewhat uneasy and suspicious state of public feeling with reference to the whole matter, which cannot wisely be disregarded.

It was therefore thought best that the entire work should be thoroughly gone over again, and made to conform, in principle and workmanship, to the strictest standards of the present day. This has accordingly been done, under the personal supervision of Mr. Charles H. Baldwin of this city, a plumber of high repute; and we are confident that we have now in operation as perfect a system of plumbing as any public or private building can show. The cost of the work was about seven hundred and fifty dollars (\$750).

The question of sewerage has been permanently settled by connecting the drain pipe with the city sewer, a work which has proved to be of considerable magnitude and cost, owing to the rocky character of the ground.

#### THE GROUNDS.

It is with great gratification that the visitors report that the extensive and picturesque grounds on which the school building stands are, at length, suitably inclosed.

A wall of solid masonry, capped with rough-hewn granite of a brilliant color, now gives the finish and protection that the lot has long needed, and two ample gateways afford easy and natural access from the north-east and the south-west.

Teachers and students, with new pride and courage, have resumed their work of beautifying the rugged paths and groves with trees, shrubs and vines; and it is safe to say that within a few years no State institution will be able to show more tasteful or attractive surroundings than the Normal School at Worcester.

## ACKNOWLEDGMENTS.

We are much indebted to Professor Fiske, as above intimated, for his very able anniversary address.

We also tender our thanks, not for the first time, to Edward Winslow Lincoln, Esq., for timely suggestions and contributions toward the improvement of our grounds.

Benjamin F. Dodge, Esq., has kindly presented the school with a copy of the history of the town of Sutton.

## STATISTICS.

NOTE. — The statistics of this school have heretofore covered the calendar year (that being the fiscal year for State institutions) instead of the academic year; that is, the time from September to July, during which the school is in session.

For greater simplicity and convenience, a change is now made, whereby the statistics which follow relate only to what is commonly called the "school year;" namely, in the present report, from September, 1887, to July, 1888.

## 1. Numbers: —

Number of pupils in the first term . . . . .	173
Number of pupils in the second term . . . . .	165
Whole number of pupils in attendance during the school year 1887-1888, 198	

## 2. Numbers in entering classes: —

In September, 1887 . . . . .	49
In February, 1888 . . . . .	19
Total . . . . .	68

## 3. Average age of pupils admitted: —

In September, 1887 . . . . .	18 years 5 months.
In February, 1888 . . . . .	18 years 4 months.

## 4. Of those admitted there were: —

From Worcester County . . . . .	62
From Connecticut . . . . .	2
From Kentucky . . . . .	1
From New York . . . . .	1
From Vermont . . . . .	2
Total . . . . .	68

## 5. Occupations of pupils' parents: —

Professional . . . . .	2
Mercantile . . . . .	11
Skilled labor . . . . .	24
Unskilled labor . . . . .	28
Unknown . . . . .	3
Total . . . . .	68

## 6. Numbers in graduating classes: —

In January . . . . .	15
In June . . . . .	15
Total . . . . .	30

## 7. Average age of graduates: —

In January . . . . .	21 years 4 months.
In June . . . . .	20 years 7 months.

Of the above graduates, *nearly all* are already (Nov. 1, 1888) engaged in teaching.

## 8. The library: —

Number of text books added . . . . .	230 volumes.
Number of reference books added . . . . .	126 volumes.
Total additions . . . . .	356 volumes.
Whole number of text books now in library . . . . .	4,850 volumes.
Whole number of reference books now in library . . . . .	2,340 volumes.
Total . . . . .	7,190 volumes.

E B. STODDARD,

A. P. STONE,

*Visitors.*

## QUESTIONS USED AT THE ENTRANCE EXAMINATION (WRITTEN PART), JAN. 31 AND FEB. 1, 1889.

The questions are printed merely to indicate, in a general way, to those who may be preparing to enter the school, something of the standard required for admission.

School committees, teachers and others may receive copies of the examination questions regularly by applying to the Principal.

## ARITHMETIC.

All the figuring must be handed in. Decimals are to be carried three places and no more.

1. Subtract 807 from 1806, and explain the work fully.
2. A fox is 150 rds. ahead of a hound. The dog runs at the rate of 42 rds. a minute and the fox at 30 rds. a minute. In how many minutes will the hound overtake the fox?
3. Tell how you find the *time*, when the *principal*, *rate* and *interest* are given.
4. What is the length of a festoon that reaches diagonally across the ceiling of a room 32 ft. long and 24 ft. wide, 6 ft. being allowed for the drooping of the festoon?
5. Mr. Henry Bent buys goods of George P. Souther, and a receipted bill is given. Whose name is signed to it? Who keeps it? What is it for?
6. A town is to raise \$3,971 by taxation. The taxable property is valued at \$700,000, and there are 471 polls each taxed \$1.00. What is the tax on \$1,000?
7. Define *bond*, *prime number*, *rectangle*.
8. A farmer hired a man to cut and haul wood; the man was to receive 20% of the wood cut for his services. He delivered 320 cords. How much did he cut?

9. 18 men worked 28 days a month for 2 months, and during that time built a wall 40 ft. long, 16 ft. high and 3 ft. thick. A similar wall, 360 ft. long, 10 ft. high and 8 ft. thick, was built in 3 months, the men working 24 days each month. How many men were employed?

### GRAMMAR.

So toilsome was the road to trace,  
The guide, abating of his pace,  
Led slowly through the pass's jaws,  
And asked Fitz-James by what strange cause  
He sought these wilds traversed by few  
Without a pass from Roderick Dhu.

1. Write each clause separately, and state :
  - (a) Whether it is independent or dependent.
  - (b) What is its grammatical use in the sentence.
2. Parse "toilsome, road, to trace, abating."
3. Write the principal parts of the verb, "led ;" also the progressive form of the same mode and tense as "led."
4. Write the present and past principles of "trace."
5. Write the subjunctive, present, third, singular, of the verb "sought."
6. Parse "wilds, what, few."
7. What kind of prepositional phrase is "of his pace?"
8. What three parts of speech may connect clauses?
9. Write sentences containing the word "fast" used as
  - (a) a noun :
  - (b) an adjective :
  - (c) a verb :
  - (d) an adverb :

*GEOGRAPHY.*

1. On the outline map which will be furnished you,
  - (a) Draw with dotted lines the boundaries of the different countries or states.
  - (b) Write the names of the countries or states.
  - (c) Write the names of the principal cities.
2. A ship sails from New York to Japan, and returns by a different route. Name in order the waters passed through, the winds and currents encountered, and the ports seen.
3. Name eight leading imports of the United States, and the city from which each is shipped.
4. Choose one :
  - (a) What are icebergs, and how are they formed?
  - (b) What are oases, and what causes them?
  - (c) What are monsoons, and what causes them?
5. Choose one :
  - (a) Estimate the latitude and longitude of a place directly opposite Worcester, on the other side of the globe, and tell about where it is situated.
  - (b) What is the width of each zone?
6. Choose one, and describe briefly :
  - (a) Argentine Republic.
  - (b) England.
  - (c) India.
7. Choose one and describe briefly :
  - (a) The government of any country in Europe.
  - (b) The religion of any country in Asia.



8. Choose three, and give some reason for their rapid growth :

- |                    |                  |
|--------------------|------------------|
| (a) St. Paul.      | (b) Minneapolis. |
| (c) St. Louis.     | (d) Chicago.     |
| (e) Buffalo.       | (f) Atlanta.     |
| (g) San Francisco. | (h) Jersey City. |

9. Name three leading railroads of the United States, and the cities which each connects.

### *UNITED STATES HISTORY.*

1. Bound the original territory of the United States, and name the states that it embraced.
2. In what ways has the territory been increased?
3. When was Boston founded? Independence declared? The first president inaugurated? The Pacific coast settled? Slavery abolished?
4. Tell what you know about the Boston Port Bill.
5. Write (briefly) anything that the following names suggest :  
Adams, Franklin, Cornwallis, Lee, Sherman, Trenton, Fort Sumter, Vicksburg, The Alabama, Appomattox Court House.
6. Name any historical works (not school text-books) that you have read.

## SPELLING.

- |                            |                               |
|----------------------------|-------------------------------|
| 1. equilateral             | 16. too                       |
| 2. disappointed            | 17. <i>irascible</i> to teach |
| 3. preceding               | 18. <i>grammar</i>            |
| 4. arranging               | 19. <i>successfully</i>       |
| 5. ornamental              | 20. raisins                   |
| 6. acquainted              | 21. superintendent            |
| 7. infinitive              | 22. repetition                |
| 8. independent             | 23. elliptical                |
| 9. evanescent              | 24. subtrahend                |
| 10. absence                | 25. eightieth                 |
| 11. indicative             | 26. indigenous                |
| 12. politician             | 27. commemorate               |
| 13. relative               | 28. calendar                  |
| 14. <i>Mabel</i> found the | 29. which                     |
| 15. <i>Principal</i>       | 30. vertical                  |

*GIFTS.*

From the Fifteenth Class of Graduates, a handsome etching, by Le Couteux, of Millet's "Spinner," beautifully framed by Knoedler of New York.

From the Sixteenth Class of Graduates, an excellent copy in plaster, by Bernardini of New York, of Houdon's noble bust of Franklin.

From Hon. Hamilton B. Staples, a photograph of a cast or squeeze of an antique brass memorial tablet in the Church of All-Hallows, Barking, London.

From Benjamin J. Dodge, Esq., a copy of the History of Sutton, Mass.

From Miss Rebecca Jones, forty botanical dissecting needles.

From E. A. Hubbard, Esq., two copies of his excellent Monograph on Computing Interest.

From Henry W. Brown, Esq., a copy of his translation, in two volumes, of Preyer's "Mind of the Child." Also a copy of "Conscious Motherhood," by Miss Marwedel.

From Dr. H. M. Quinby, flowering plants in great abundance for the grounds.

From Miss Ruth A. Haskell, seeds of the *Sequoia gigantea*.

From Miss Juliet Porter, a copy of Darwin's "Power of Movement in Plants."

From Francis A. Gaskill, Esq., his Civic and Political History of Worcester.

From Rev. Henry T. Cheever, his "Correspondence of Faith and Views of Madame Guyon."

From Mrs. Elizabeth Thompson, a copy of "The High-Caste Hindu Woman."

From Miss Helen F. Marsh, a handsome specimen of amethyst crystals from Lake Superior.

From several members of the Fourth Class of undergraduates, the national ensign of Japan.

From Mr. George Coult, a confirmed benefactor of the school in this department, a large collection of interesting botanical specimens, mostly from Dakota.

From Mr. Will C. Coult, Harrison, South Dakota, a share in the last-mentioned donation ; also a large number of valuable bird skins (more than twenty species) from the West. Most of these have been stuffed and mounted, and are now in the museum.

*ANNIVERSARY ADDRESSES.*

Have been given by the following persons :—

In 1877, by William T. Harris, LL.D., of St. Louis.

In 1878, by Rev. Thomas Hill, D.D., of Portland, Me.

In 1879, by Alexander H. Rice, LL.D., of Boston.

In 1880, by Mrs. Julia Ward Howe of Boston.

In 1881, by Rev. Francis Tiffany of West Newton.

In 1882, by Hon. James W. Patterson, LL.D., of Hanover, N. H.

In 1883, by Mrs. Ednah D. Cheney of Boston.

In 1884, by Prof. G. Stanley Hall, Ph.D., of Baltimore.

In 1885, by Prof. Albert Harkness, LL.D., of Providence, R. I.

In 1886, by Charles Dudley Warner of Hartford, Conn.

In 1887, by Edward S. Morse, Ph.D., of Salem.

In 1888, by John Fiske of Cambridge.




MASSACHUSETTS

STATE NORMAL SCHOOL

AT WORCESTER.

1890.



1. 2







THE UNIVERSITY OF CHICAGO

VOLUME 1, NUMBER 1, 1955

ANNUAL REPORT

THE UNIVERSITY OF CHICAGO

CHICAGO, ILLINOIS



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THE UNIVERSITY OF CHICAGO



MASSACHUSETTS  
STATE NORMAL SCHOOL  
AT WORCESTER.

CATALOGUE AND CIRCULAR.

SIXTEENTH YEAR, 1890.



BOSTON:  
WRIGHT & POTTER PRINTING COMPANY, STATE PRINTERS,  
18 POST OFFICE SQUARE.  
1890.

C. W. H.

184033

# STATE BOARD OF EDUCATION.

ESTABLISHED IN 1837.

## Ex Officio :

HIS EXCELLENCY JOHN Q. A. BRACKETT, ARLINGTON.

HIS HONOR WILLIAM H. HAILE, SPRINGFIELD.

## By Appointment :

	TERM EXPIRES.
FRANCIS A. WALKER, . . . Boston, . . .	May 25, 1890.
ELMER H. CAPEN, . . . Medford, . . .	May 25, 1891.
ELIJAH B. STODDARD, . . . Worcester, . . .	May 25, 1892.
ALONZO A. MINER, . . . Boston, . . .	May 25, 1893.
MRS. ALICE FREEMAN PALMER, Cambridge, . . .	May 25, 1894.
ADMIRAL P. STONE, . . . Springfield, . . .	May 25, 1895.
MRS. KATE GANNETT WELLS, Boston, . . .	May 25, 1896.
MILTON B. WHITNEY, . . . Westfield, . . .	May 25, 1897.

## SECRETARY.

JOHN W. DICKINSON, . . . . . Newton.

## ASSISTANT SECRETARY AND TREASURER.

C. B. TILLINGHAST, . . . . . Boston.

## AGENTS.

GEORGE A. WALTON, . . . . .	West Newton.
GEORGE H. MARTIN, . . . . .	Bridgewater.
JOHN T. PRINCE, . . . . .	Newtonville.
ANDREW W. EDSON, . . . . .	Worcester.
G. T. FLETCHER, . . . . .	Northampton.
HENRY T. BAILEY, . . . . .	North Scituate.

Vacations and Holidays marked by Full-face Figures.

◁1890.▷							◁1891.▷						
JULY.							JANUARY.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
--	--	1	2	3	4	5	--	--	--	--	1	2	3
6	7	8	9	10	11	12	4	5	6	7	8	9	10
13	14	15	16	17	18	19	11	12	13	14	15	16	17
20	21	22	23	24	25	26	18	19	20	21	22	23	24
27	28	29	30	31	--	--	25	26	27	28	29	30	31
AUGUST.							FEBRUARY.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
--	--	--	--	--	1	2	1	2	3	4	5	6	7
3	4	5	6	7	8	9	8	9	10	11	12	13	14
10	11	12	13	14	15	16	15	16	17	18	19	20	21
17	18	19	20	21	22	23	22	23	24	25	26	27	28
24	25	26	27	28	29	30	--	--	--	--	--	--	--
31	--	--	--	--	--	--	--	--	--	--	--	--	--
SEPTEMBER.							MARCH.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
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7	8	9	10	11	12	13	8	9	10	11	12	13	14
14	15	16	17	18	19	20	15	16	17	18	19	20	21
21	22	23	24	25	26	27	22	23	24	25	26	27	28
28	29	30	--	--	--	--	29	30	31	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--	--
OCTOBER.							APRIL.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
--	--	--	1	2	3	4	--	--	--	1	2	3	4
5	6	7	8	9	10	11	5	6	7	8	9	10	11
12	13	14	15	16	17	18	12	13	14	15	16	17	18
19	20	21	22	23	24	25	19	20	21	22	23	24	25
26	27	28	29	30	31	--	26	27	28	29	30	--	--
NOVEMBER.							MAY.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
--	--	--	--	--	--	1	--	--	--	--	--	1	2
2	3	4	5	6	7	8	3	4	5	6	7	8	9
9	10	11	12	13	14	15	10	11	12	13	14	15	16
16	17	18	19	20	21	22	17	18	19	20	21	22	23
23	24	25	26	27	28	29	24	25	26	27	28	29	30
30	--	--	--	--	--	--	31	--	--	--	--	--	--
DECEMBER.							JUNE.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
--	1	2	3	4	5	6	--	1	2	3	4	5	6
7	8	9	10	11	12	13	7	8	9	10	11	12	13
14	15	16	17	18	19	20	14	15	16	17	18	19	20
21	22	23	24	25	26	27	21	22	23	24	25	26	27
28	29	30	31	--	--	--	28	29	30	--	--	--	--

# THE CALENDAR.

(SEE OPPOSITE PAGE.)

SEVENTEENTH SCHOOL YEAR, 1890-91.

## FIRST (FALL) TERM, 1890.

September 11, Thursday, . . . . .	Entrance examination begins.
October 29, Wednesday, . . . . .	Autumn Arbor Day.
November 24 to December 2, . . . . .	Mid-term recess.
December 25, Thursday, . . . . .	Christmas.
January 1, 1891, Thursday, . . . . .	New Year's Day.
January 29, 1891, Thursday, . . . . .	First term ends.

WINTER VACATION, ONE WEEK.

## SECOND (SPRING) TERM, 1891.

February 5, Thursday, . . . . .	Entrance examination begins.
April 2, Thursday, . . . . .	Fast Day.
April 20 to April 28, . . . . .	Mid-term recess.
April 29, Wednesday, . . . . .	Spring Arbor Day.
May 30, Saturday, . . . . .	Memorial Day.
June 25, Thursday, . . . . .	School year ends.

SUMMER VACATION, ELEVEN WEEKS.

Eighteenth school year (1891-92) begins with entrance examination on Thursday, Sept. 10, 1891.

## SPECIAL NOTICE.

Entrance examinations occur twice a year, at the beginning of each term,— *and at no other time.*

Exercises of graduation occur once a year only,— namely, on the last day of the summer term,— and are always open to the public.

There is no session of the school on Monday. On other days the hours are from twenty-five minutes past nine o'clock to five minutes to four, with an intermission of an hour at noon.

Communications may be addressed to the principal, 184 Lincoln Street, or to Hon. E. B. Stoddard, 15 Ashland Street.



## TEACHERS.

---

E. HARLOW RUSSELL, *Principal.*

Miss REBECCA JONES.

CHARLES F. ADAMS.

Miss JULIET PORTER.

HENRY W. BROWN.

Miss HELEN F. MARSH.

Miss ELLEN M. HASKELL.

Mrs. MARION J. SUMNER.

Miss ARABELLA H. TUCKER.

---

JOHN CRON, - - - - Janitor.

## STUDENTS.

## PURSUING POST-GRADUATE STUDIES.

N. B. — Students whose names are marked with (A) have, besides passing through the regular course of study, served for a half-year as apprentices (see p. 17) in the public schools of the city of Worcester.

Clara Harwood Bemis . . . . .	<i>Spencer.</i>
Emma Frances Brown . . . . .	<i>Worcester.</i>
Jennie Cora Clough . . . . .	<i>Worcester.</i>
Josephine Pauline Convery (A) . . . . .	<i>Worcester.</i>
Florence Malbone Dodge (A) . . . . .	<i>Worcester.</i>
Alice Gertrude Draper (A) . . . . .	<i>Worcester.</i>
Sarah Elizabeth Earley (A) . . . . .	<i>Spencer.</i>
Grace Rebecca Everett (A) . . . . .	<i>Worcester.</i>
Carrie Lincoln Fletcher (A) . . . . .	<i>Worcester.</i>
Eudora Estella Hay . . . . .	<i>Worcester.</i>
Marietta Knight . . . . .	<i>Worcester.</i>
Mrs. Winslow S. Lincoln . . . . .	<i>Worcester.</i>
Sarah Ann McCormick (A) . . . . .	<i>Worcester.</i>
Rupert Henry Murray . . . . .	<i>Worcester.</i>
Abigail Loretta O'Hara (A) . . . . .	<i>Worcester.</i>
Ellen Agnes O'Neill (A) . . . . .	<i>Worcester.</i>
Miriam Frances Proctor (A) . . . . .	<i>Spencer.</i>
Margaret Scott (A) . . . . .	<i>Burlington, Vt.</i>
Ella Louise Smith (A) . . . . .	<i>Worcester.</i>
Marion Capitola Tucker . . . . .	<i>North Brookfield.</i>
Marina Harwood Tucker . . . . .	<i>North Brookfield.</i>

## FIRST CLASS, JANUARY, 1890.

Maud Sophie Bosworth (A) . . . . .	<i>Worcester.</i>
Herbert Eugene Buxton . . . . .	<i>Ashford, Conn.</i>
Flora Browning Chamberlain (A) . . . . .	<i>Worcester.</i>
Florence Malbone Dodge (A) . . . . .	<i>Worcester.</i>

Alice Gertrude Draper (A)	. . . . .	Worcester.
Alice Little Eames (A)	. . . . .	Worcester.
Elizabeth Christine Finn (A)	. . . . .	Worcester.
Mary Agnes Flynn (A)	. . . . .	Worcester.
Costella Gertrude Gale (A)	. . . . .	Guilford, Vt.
Margaret Jane Gartland (A)	. . . . .	Worcester.
Mary Gertrude Geary (A)	. . . . .	Worcester.
Mary Catherine Henry (A)	. . . . .	Worcester.
Anna May Hewett (A)	. . . . .	Worcester.
Lena May Hurlburt (A)	. . . . .	Richford, Vt.
Harriet Howe Maynard	. . . . .	Townsend.
Annie York Milliken (A)	. . . . .	Worcester.
Anna Grace Moore (A)	. . . . .	Worcester.
Amy Murray (A)	. . . . .	Worcester.
Rupert Henry Murray	. . . . .	Worcester.
Kate Evans Parker Newhall (A)	. . . . .	Worcester.
Minnie Partridge	. . . . .	West Medway.
Jeannette Witherby Scruton (A)	. . . . .	Canton, N. Y.
Ella Louise Smith (A)	. . . . .	Worcester.
Annie Lillian Sullivan (A)	. . . . .	Worcester.
Mary Eleanor Whitty (A)	. . . . .	Fitchburg.
Mary Emma Williams	. . . . .	Webster.

## FIRST CLASS, JUNE, 1890.

Amy Maria Aldrich (A)	. . . . .	Westborough.
Emma Susie Barrett (A)	. . . . .	Worcester.
Mattie Josephine Black (A)	. . . . .	Worcester.
Emma Jane Cooper	. . . . .	Worcester.
Anna Gertrude Cullen (A)	. . . . .	Worcester.
Maud Elizabeth Davis (A)	. . . . .	Holden.
Kathline Elizabeth Dwyer (A)	. . . . .	Worcester.
Huldah Jane Gibson	. . . . .	Worcester.
Harriet Almira Greene (A)	. . . . .	Wrentham.
Emma Ada Hopwood (A)	. . . . .	Worcester.
Teresa Mary Larkin	. . . . .	Worcester.
Luta Belle Lincoln (A)	. . . . .	Worcester.
Charlotte McFarland (A)	. . . . .	Worcester.
Annie Teresa McGrath (A)	. . . . .	Worcester.

Mary Catherine O'Connor (A)	. . . . .	Worcester.
Mary Helen Rogers (A)	. . . . .	Holden.
Sarah Agnes Russell (A)	. . . . .	Amherst.
Florence Louise Seagrave (A)	. . . . .	Uzbridge.
Edith Maria Studley (A)	. . . . .	Worcester.
Nellie Dascombe Temple (A)	. . . . .	Gardner.
Florence Helen Towne (A)	. . . . .	Mendon.
Catherine Rachel Wheatley (A)	. . . . .	Worcester.

## APPRENTICES.

Lena Roxanna Adams	. . . . .	Oakham.
Henrietta Maria Ager	. . . . .	Worcester.
Jennie Frances Brennan	. . . . .	Worcester.
Edith Minetta Brown	. . . . .	Worcester.
Nellie Gertrude Donovan	. . . . .	Worcester.
Mary Ignatia Healy	. . . . .	Worcester.
Eva Laurena Jordan	. . . . .	Old Orchard, Me.
Fanny Maud Joy	. . . . .	Manchester, N. H.
Helen Maria King	. . . . .	Worcester.
Rosa Helena Mahan	. . . . .	Worcester.
Agnes McMahon	. . . . .	Worcester.
Mary Brown Porter	. . . . .	Louisville, Ky.
Effie Rilla Putnam	. . . . .	West Sutton.
Mary Reed Townsend	. . . . .	Bolton.
Eva Leolan Truscott	. . . . .	Worcester.
Nellie Jane Wattle	. . . . .	Worcester.

## SECOND CLASS.

Margaret Eleanor Ayres	. . . . .	Shrewsbury.
Agnes Maria Blanchard	. . . . .	Harvard.
Ella Louise Brown	. . . . .	Worcester.
Jessie Sophronia Clapp	. . . . .	Worcester.
Elizabeth Amanda Rice Daniels	. . . . .	Greenfield.
Flora Mabel Desper	. . . . .	Barre.
Mary Sophia Doescher	. . . . .	Cherry Valley.
Theresa Veronica Dowd	. . . . .	Worcester.
Mabelle Edith Fisher	. . . . .	West Boylston.
Emma Alice Gardner	. . . . .	Worcester.

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Agnes Gertrude Garvey . . . . .	<i>Worcester.</i>
Mabel Howard Goodale . . . . .	<i>Leominster.</i>
Agnes Teresa Healy . . . . .	<i>Whitinsville.</i>
Sarah Alice Hopwood (A) . . . . .	<i>Worcester.</i>
Florence Louise Johnson . . . . .	<i>Worcester.</i>
Florence Caroline King . . . . .	<i>Worcester.</i>
Myrtis Isabel Kirby . . . . .	<i>Paxton.</i>
Sarah Jennie Lowe . . . . .	<i>South Lancaster.</i>
Catherine Maria McHugh . . . . .	<i>Worcester.</i>
Marietta McNulty . . . . .	<i>Worcester.</i>
Georgiana May O'Connor . . . . .	<i>Worcester.</i>
Helen Louise Osborn . . . . .	<i>Worcester.</i>
Mary Harrington Perry . . . . .	<i>Auburn.</i>
Belle Frances Phelon . . . . .	<i>Worcester.</i>
Grace Platt . . . . .	<i>Worcester.</i>
Katie Frances Simonds . . . . .	<i>Ashby.</i>
Bertha Maria Stone . . . . .	<i>Auburn.</i>
Eleanor Cornelia Torrey . . . . .	<i>Dorset, Vt.</i>
Nellie Thurston . . . . .	<i>Worcester.</i>
Lura Augusta Wiley . . . . .	<i>Hardwick.</i>
Alice Gertrude Whitcomb . . . . .	<i>Worcester.</i>
Grace Woodbury . . . . .	<i>Oxford.</i>

## THIRD CLASS.

Sarah Emma Barrett . . . . .	<i>Barre.</i>
Addie May Blanchard . . . . .	<i>Uxbridge.</i>
Louise Maria Bray . . . . .	<i>Boylston.</i>
Mabel Rice Brooks . . . . .	<i>Ashby.</i>
Margaret Esther Callahan . . . . .	<i>Millbury.</i>
Elizabeth Loretta Carmody . . . . .	<i>Worcester.</i>
Ellen Agnes Courtney . . . . .	<i>Worcester.</i>
Mary Frances Crane . . . . .	<i>Worcester.</i>
Anna Pauline Cummings . . . . .	<i>Worcester.</i>
Margaret Loretta Cunningham . . . . .	<i>Worcester.</i>
Annie Curran . . . . .	<i>Grafton.</i>
Kate May Currier . . . . .	<i>Whitinsville.</i>
Rose Gertrude Doherty . . . . .	<i>Worcester.</i>
Mary Margaret Eustace . . . . .	<i>Clinton.</i>

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Annie Edith Goldthwait . . . . .	<i>Uxbridge.</i>
Mary Julia Haas . . . . .	<i>Shrewsbury.</i>
Catherine Ellen Heagney . . . . .	<i>Clinton.</i>
Alice Christina Heaphy . . . . .	<i>Worcester.</i>
Mary Eleanor Higgins . . . . .	<i>Worcester.</i>
Julia Annie Hill . . . . .	<i>Charlestown.</i>
Bertha Josephine Hopkins . . . . .	<i>Worcester.</i>
Julie Maria Jones . . . . .	<i>Worcester.</i>
Elizabeth Vaughn Lawrence . . . . .	<i>Worcester.</i>
Mary Leathers . . . . .	<i>Barre.</i>
Louisa Christina Lof . . . . .	<i>Worcester.</i>
Grace Lucy Marcy . . . . .	<i>Auburn.</i>
Mabel Dora Morrison . . . . .	<i>Worcester.</i>
Cora Lillis Morse . . . . .	<i>Worcester.</i>
Abigail Frary Newton . . . . .	<i>Greenfield.</i>
Rebecca Louise Nield . . . . .	<i>Millbury.</i>
Ida Minerva Parsons . . . . .	<i>Spencer.</i>
Emily Beverly Pellet . . . . .	<i>Worcester.</i>
Katherine Sayle . . . . .	<i>Worcester.</i>
Mary Grace Stalker . . . . .	<i>Worcester.</i>
Ida Louise Stevens . . . . .	<i>Worcester.</i>
Mildred Vincent . . . . .	<i>Charlton City.</i>
Mary Ella Whitcomb . . . . .	<i>Worcester.</i>

## FOURTH CLASS.

Serena Bell Adams . . . . .	<i>Stockbridge.</i>
Nina Frances Blanchard . . . . .	<i>Worcester.</i>
Mary Etta Brooks . . . . .	<i>Worcester.</i>
Lula Anna Callahan . . . . .	<i>Worcester.</i>
Mabelle Church . . . . .	<i>Jonesport, Me.</i>
Mattie Ellis Coffin . . . . .	<i>Hubbardston.</i>
Joanna Teresa Daly . . . . .	<i>Worcester.</i>
Alice Louise Day . . . . .	<i>Worcester.</i>
Annie Peabody Day . . . . .	<i>Enfield, N. H.</i>
Mary Ursula Day . . . . .	<i>Worcester.</i>
Isabella Gertrude Diggins . . . . .	<i>Worcester.</i>
Effie Blanche Draper . . . . .	<i>Worcester.</i>
Annie Maria Dwyer . . . . .	<i>Leyden.</i>

Emily Frances Fagan . . . . .	Webster.
Bessie Edith Farwell . . . . .	Clinton.
Genevieve Sarah Flint . . . . .	Shrewsbury.
Emma Elizabeth Greene . . . . .	Worcester.
Katherine Veronica Griffin . . . . .	Spencer.
Elizabeth Anna Hagerty . . . . .	Worcester.
Della Madge Hale . . . . .	Grafton.
Annie Tracy Hickey . . . . .	Worcester.
Edith Mary Hicks . . . . .	Auburn.
Gertrude Idella Johnson . . . . .	Stratford, N. H.
Mary Amanda Kempton . . . . .	Uxbridge.
Clara Gertrude Lawrence . . . . .	Worcester.
Ella Le Beau . . . . .	Fall River.
Anna Maria Littlefield . . . . .	North Uxbridge.
Elizabeth Bernard McCourt . . . . .	Worcester.
Catherine Louise McQuaid . . . . .	Worcester.
Helen Austina O'Gorman . . . . .	Worcester.
Anne Morris Paine . . . . .	Worcester.
Annie Belle Parker . . . . .	Worcester.
Mary Emma Parrott . . . . .	Worcester.
Martha Eveline Peck . . . . .	Rowe.
Lee Russell . . . . .	Worcester.
Phillip Russell . . . . .	Worcester.
Mary Ida Schultz . . . . .	Worcester.
Abigail Jane Smith . . . . .	Worcester.
Marion Lucy Smith . . . . .	Worcester.
Stella Sophia Thompson . . . . .	Princeton.
Nancy Lillian Turner . . . . .	Gardner.
Margaret Mary Wakley . . . . .	Worcester.
Ethel Maria Woods . . . . .	Worcester.

## SPECIAL STUDENTS.

Toshihide Shinoda . . . . .	Tokio, Japan.
Joseph Edward Underwood, B.A. . . . .	Worcester.

## SUMMARY OF NUMBERS.

Post-Graduates . . . . .	21
First Class, January, 1890 . . . . .	26

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<i>STATE NORMAL SCHOOL AT WORCESTER.</i>	13
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First Class, June, 1890 . . . . .	22
Apprentices . . . . .	16
Second Class . . . . .	32
Third Class. . . . .	37
Fourth Class . . . . .	43
Special Students. . . . .	12
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	199
Names repeated . . . . .	3
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Number of different pupils in attendance for the year 1889-90 . . . .	196

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## CIRCULAR OF INFORMATION.

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### HISTORICAL SKETCH.

The following extract, from the thirty-seventh annual report (1872-73) of the Board of Education, gives in outline a history of the establishment of this school:—

By the terms of a Resolve which went into effect on the twenty-fifth day of June, 1871, the Board of Education were authorized and required to establish a State Normal School in the city of Worcester; and the trustees of the Worcester Lunatic Hospital were authorized and required to convey to the Board of Education and its successors a tract of land of not more than five acres, to be located by the Governor and Council, within certain limits fixed in the Resolve. An appropriation of sixty thousand dollars was made, upon condition that the city of Worcester should pay the Board of Education for the purposes named in the Resolve the sum of fifteen thousand dollars. This condition was promptly complied with. The tract was located by the Governor and Council Sept. 2, 1871; and on the nineteenth day of September, 1871, the conveyance was made by the trustees of the hospital to the Board of Education and its successors in trust, as directed.

The tract of land located is upon Hospital Hill in Hospital Grove (formerly so called), within a short distance of the new Union Depot now in process of erection,—a point at which, when the railroad arrangements now in progress shall be completed, pupils residing on the line of either of the roads leading into the city of Worcester can arrive in season for the commencement of school each day, and take the cars to return after the school exercises are finished.

The exercises of dedication took place on Friday, Sept. 11, 1874; and on the following Tuesday (September 15) the school was opened to pupils.

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**DESCRIPTION OF THE BUILDING.**

The building is a large, three-story, massive structure, built of stone taken from the hill upon which it stands. Its position allows an extensive view of Worcester and its surroundings. From the front steps one looks down through clumps of trees, over the city lying spread within an inner circle of rolling country. The site, moreover, has all the advantages that light and air can give it. Though situated upon the outskirts of Worcester, it is not more than twenty minutes' walk from the Union Depot, wherein centre the various lines of railroad by which a large proportion of the pupils come in daily from their homes.

In its interior arrangement the building is spacious and well fitted to the educational needs of the school. On the first floor is a large corridor, running the entire length of the building, and connecting the two entrances. On one side is a laboratory, and a room containing a well-equipped work-bench, and a carefully chosen collection of specimens specially illustrative of the work in natural science carried on in the adjoining room. On the other side is a lunch room, provided with tables and hot-closets,—the place of rendezvous for probably seven-eighths of the pupils every day between the hours of twelve and one. In addition there are, on this floor, unusually large and commodious dressing-rooms. On the second story is the teachers' room, and from it a door opening upon the platform of the hall,—a room of exceptional dimensions, amply lighted, and well set off with busts of eminent men, and with pictures, for the most part gifts of past graduating classes. On the sides are shelves containing carefully selected books of well recognized value. The hall has several entrances, and it communicates directly with three recitation-rooms. Over against the entrance to the teachers' room is a room set apart and arranged for the comfort of such pupils as are taken ill, or in any way feel indisposed during school hours. Between the second and third floors there is a half-story containing class-rooms, and above this a well-stocked model-room and the drawing-room, besides other

spacious rooms intended, though not all at present used, for classrooms. The building is heated by hot air as well as by steam. Special attention has been paid to ventilation, and to all that can tend to add to the health, comfort and best interests of the pupils.

### AIM AND PURPOSE OF THE SCHOOL.

The Board of Education, by a vote passed May 6, 1880, stated the design of the school, and the course of studies for the State Normal School, as follows :—

The design of the normal school is strictly professional; that is, to prepare in the best possible manner the pupils for the work of organizing, governing and teaching the public schools of the Commonwealth.

To this end there must be the most thorough knowledge, first, of the branches of learning required to be taught in the schools; second, of the best methods of teaching these branches; and, third, of right mental training.

The time of one course extends through a period of two years, of the other through a period of four years, and is divided into terms of twenty weeks each, with daily sessions of not less than five days each week.

### STUDIES.

#### TWO YEARS' COURSE.

Arithmetic, algebra, geometry, book-keeping.

Physics, astronomy, chemistry.

Physiology, botany, zoölogy, mineralogy, geology, geography.

Language, reading, orthography, etymology, grammar, rhetoric, literature, composition.

Penmanship, drawing, vocal music, gymnastics.

Psychology, science of education and art of teaching, school organization, history of education.

Civil polity of Massachusetts and of the United States, history, school laws of Massachusetts.

#### FOUR YEARS' COURSE.

In addition to the studies named above, the four years' course includes advanced algebra and geometry, trigonometry and surveying.

Advanced chemistry, physics, and botany.

English literature, general history.

French required; German and Greek as the principal and visitors shall decide.

At the request of the principal of the Worcester school, may be permitted to substitute German for French, as they think the interests of the school demand.

There is an enumeration of the studies. The order of the studies in the school is determined by the principal of each school, with the approval of the board of that school.

It is to be stated that, while the foregoing list of subjects covers the field covered in the school curriculum, it gives no idea of the actual work done. It is made a special aim to give every opportunity to give the pupils the benefit of whatever is fit them for the work of teaching. The spirit of this pervades the whole school. It influences the mode and of most of the exercises, and imparts to the whole work a zest difficult to describe, but which determines whatever of character the normal school possesses.

#### APPRENTICESHIP.

Attention to the work of the study and the class-room, systematic observation of schools and actual practice in teaching, under the joint supervision of the city superintendent of schools and the faculty of the normal school, constitute an important element in our course of

general character of what is known in this school as the "apprenticeship" is this: The student, after three terms, or a year has elapsed, in the normal school, is allowed to go into one of the schools of the city of Worcester to serve as assistant to the teacher of that school; to take part in the instruction, management and general work of teaching, under the direction of the teacher; to act as a substitute for the teacher for an hour, a half-day, at the discretion of the latter and with the approval of the superintendent. One student only at a time is assigned to any

one teacher ; but each student serves in at least three grades of schools in the course of his term of service, the duration of which is six months, or half a school year. After finishing his apprenticeship the student resumes his course at the normal school, spending another half-year there before receiving his diploma.

During the period of apprenticeship four days of each week are devoted exclusively to it by those employed in the work. One day of the week (Wednesday) is spent by them in the normal school, where they are employed, not in the ordinary study and work of the institution, but in the following manner : —

They hold such consultation with the teachers of the school, and make such use of books, as may be most helpful to them in their immediate work as apprentices.

They make informal statements to the school of such facts of their experience as may be of advantage to the other students to hear, — concerning ways of teaching, cases of discipline and the like, — keeping in mind always the private character of the daily life of the school-room, and under special warning against revelations that might seem objectionable.

Each apprentice keeps a diary of the occupation and experience of every day's service, and this record is inspected by the faculty of the normal school. He also makes out a report at the end of his term, in which he gives his own estimate of his success in his work.

The following copy of a diary kept by one of the apprentices, not, however, with any notion of its being printed, gives an account of a week's experience : —

MONDAY, March 9, 1885. — Instead of having the children read wholly from the readers, we let one class read from slips of paper upon which Miss — and I have, as we had time, been copying selections from another book. I should have thought the children would have liked it very much for a change, but they didn't seem to like it any better than reading the usual lessons. I think the reason was, that, as every slip was different, those who were not reading had to sit up and listen, and couldn't even prompt or correct mistakes, — they like to have some active part in what is going on.

I have occasionally, as I had time at noon, drawn some picture on the blackboard. One night after school, pointing to a picture of a rabbit on the blackboard, I asked a boy what it was. "Rabbit," he answered, quickly. "How do you know?" "Long ears," was his brief reply.

TUESDAY, March 10. — Each morning, after the opening exercises, the children have singing and also usually some individual exercise in music. Although most of them have been in school less than two years, they seem very skilful in reading the notes by letter and in singing from numbers that are put on the board, thus, — 1, 2, 3, 2, 3, 3, 1, 3, 2, 4, 5, 3, 1, 1. If they are giving attention and keep the place, they can follow the changes almost perfectly. Once in a while, when they are singing, some boy will try to put in variations by singing up on *very* high notes. The rest usually pay no attention to this, but sing on in correct tune.

To-day I told the first class that they might write a story about a boy and girl who went a-fishing, making it up and writing whatever they pleased. Some went directly to writing, while others had to think quite a while. Finally, one boy said, "I don't know how to commence." I told him to say, "Once upon a time," if he couldn't think of anything else. Most of them had a more original beginning. One girl covered both sides of her slate.

One of the shorter ones was something like this: —

"John and his sister went with him and they caught six of them they were nice and then they took them home and skin them with a knife and eat them and they were nice and every one has a pice and they did look good they ate them all up an did not saye I don't like fish."

WEDNESDAY, March 11. — At the normal school. One of the teachers talked to us to-day about teaching children the sums of certain numbers at sight. If the children could learn the sums of some numbers and remember them, it would save them some time and trouble, I should think. If they could only remember that  $2 + 2 = 4$ ,  $3 + 1 = 4$ ,  $2 + 3 = 5$ , etc., without counting up, it would help them say their tables and do combination examples.

During one of the periods, as we did not have enough to talk about in connection with our school work, the teacher commenced reading a very interesting story to us. It is an English translation of a Danish drama, and I hope we shall hear the whole of it.

On the platform we apprentices sang the "action song" that we have been learning. I feared that some of us would laugh, but we succeeded in keeping sober.

THURSDAY, March 12. — This afternoon there were three lady visitors in our school. It has previously seemed to me that these children hadn't learned the art of "showing off," or of acting differently when visitors are in; but to-day they seemed a little conscious of being watched, and were quite mischievous and ready to laugh. Once in a while the ladies would see something that they could not help laughing at, and that seemed to please the boys, and they laughed too.

The teacher asked me this afternoon to tell the children a story. So I told them one that I happened to hear read last evening, "The Dog of Flanders." I changed it a little, so that it should have a pleasant ending. The children are always quiet and orderly when a story is told to them.

The teacher suggested that I have the children recall and write, some time to-morrow, a part of the story I told to-day.

FRIDAY, March 13. — To-day I gave the drawing lesson to the second class, instead of to the whole school, as I usually do. I like better to give it to the whole school; there seems to be more interest, and better attention is given.

Yesterday we drew an ellipse and then changed it into a locket. To-day I told them to make the same thing that we drew yesterday. Quite a number remembered and drew the locket.

Two of our nice girls left school to-day. The school has all the time many more boys than girls. I wondered why, until my teacher told me that a great many of the girls go to the Sisters' School.

One of our big boys cried with toothache this morning. I pitied him, and I guess the teacher did, for she sent him home at recess. He did not come back this afternoon. Just after school I saw him on Front Street, selling papers, and looking as well as usual.

The apprenticeship is designed to give the student practical acquaintance with the work of teaching, and training in that work. It is founded in the conviction that, whether education be a science or not, teaching in the public schools of Massachusetts is an art, — an art to the successful practice of which there is need of some initiation under the guidance of experience and skill; an initiation akin to that which an apprentice passes through in learning his trade.

A secondary purpose is to furnish the faculty of the normal school with more full and satisfactory data for their estimate of the teaching

ability of students. How the recruits will behave under fire cannot be determined by drill in the manual, or by dress parade. The apprenticeship goes far toward answering the important question. The apprentice is visited by the faculty of the normal school while engaged in his work, and is carefully observed and assisted by suggestions. The teacher of each school in which he has served makes out a report in the following form :—

[STATE NORMAL SCHOOL AT WORCESTER.]

Report of the apprentice-work of.....

Grade..... Street School.

Time from..... to .....

Scale, 10. — Use no fractions.

No. of Absences.	No. of Tardinesses.	Power of Control.	Power of Interesting.	Skill in Questioning.	Skill in Explaining and Illustrating.	Enthusiasm.	Bearing.

1. What traits of excellence (if any) have been shown in teaching or management?

2. What weakness or deficiency?

[Signature].....

The additional six months of preparation required by the system under consideration secure to the student greater maturity of body and mind. The need of such maturity is apparent in the case of the majority of those who enter upon the work of teaching.

That the object of the apprenticeship is attainable by the plan adopted is not merely probable, but is already matter of experience. The method, although believed to be new in this country, is not in itself a thing new, or untried.



The German system of public education requires of the candidate for the office of teacher a season of service under direction, of probation under supervision, the essential elements of which are embodied in this apprenticeship. Something like it also prevails extensively in England.

Moreover, the method is simply the extension of one that was for five years in successful operation in this school. The students are found to derive from their experience a fresh interest in their chosen work. They realize the practical bearings of the principles and methods they have studied ; they acquire the " courage of having done the thing before ; " they test their remedies for the school diseases of inattention, disobedience and the like, by trial on actual patients ; they acquire skill that is of vast moment to them at the critical period when they take charge, as teachers, of their first school.

It is no small evidence of good results that the school board of the city of Worcester heartily approve the system, on the ground of the benefit accruing indirectly to the city schools, through the greater fitness of the apprentices to become teachers.

As the student of the normal school who passes successfully through the period of apprenticeship receives a certificate of the fact in connection with his diploma at graduation, the extra time required for the experience must in almost every case be more than made good by the greater probability of securing a position, and the greater likelihood of success at the outset of the teacher's career.

There are, however, individuals in the school for whom it is impossible or impracticable to undertake this special preparation. The apprenticeship is not enforced upon any student ; it is simply recommended. Individuals who do not enter upon it enjoy all the advantages of the school, with this single exception.

#### **THE STUDY OF CHILDREN.**

The school is much indebted to Dr. G. Stanley Hall for a suggestion that the study of psychology might be pursued in part by the original observation of children. From his idea as a starting point, a

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scheme for this purpose has been worked out and adopted as a permanent part of the school curriculum.

The principal requests the students to observe the conduct of children in all circumstances,—at home, at school, in the street, at work, at play, in conversation with one another and with adults,—and record what they see and hear as soon as circumstances will permit. When the nature of the work is explained to the school, great emphasis is placed upon the necessity of having the records genuine beyond all possibility of question; of having them consist of a simple, concise statement of what the child does or says, without comment by the writer; of making both the observation and the record without the knowledge of the child; and of noting the usual, rather than the unusual, conduct of the individuals observed.

For convenience in classification, blanks of five colors are provided for the records. White paper is used for such observations as students make themselves; red for well-attested ones reported by others; yellow for reminiscences of their own childhood; green for mention of whatever they read on the subject; and chocolate for observations that extend continuously over a period of time. Each blank has the following heading:—

[STATE NORMAL SCHOOL AT WORCESTER.]  
STUDY OF CHILDREN.

1. Date, .....
2. Observer's name, ..... age, .....  
P. O. address, .....
3. Name (or initials) of person (child) observed, .....  
sex, .....; nationality, .....; age (yrs. and mos.), .....
4. Length of time between making the observation and recording it, .....

RECORD.

If the record is from hearsay, the names of both recorder and observer must be given.

Pupils write the records at their convenience (immediately after making the observation is the best time), and put the papers in a designated place. A teacher reads them from time to time, and classifies them under the heads, — knowledge, reflection, imagination, conscience, feeling, play, etc.

Both teachers and pupils feel that no other part of the pedagogical training has so direct an influence in developing the qualities most sought in a teacher. It is clearly manifest that it awakens curiosity concerning the phenomena of child nature, excites intelligent sympathy with children, and contributes to skill in discipline and instruction. Graduates and apprentices give abundant testimony on all these points.

The work of making observations is not compulsory, but nearly all members of the school engage in it from genuine interest. A few selected papers are placed from time to time where they may be read by all who care for them. How far these serve as stimulus and example is not known; but every day, not excepting the first day of a term, brings its supply of records, even though the subject may not have been explicitly mentioned for months. It is indeed the most nearly self-sustaining exercise in the school.

Many valuable records are reports of what is seen in the street on the way to or from school, but perhaps the highest value attaches to the reminiscences of the observer's own childhood. To recall one's own feelings, motives, and conduct in circumstances that are repeated in the life of every child, proves, as might be expected, in a high degree salutary, and affects sensibly the manner of judging others. The frankness and humor with which this kind of report is made are often very interesting.

Systematic instruction in psychology is aided both in the way of preparation and supplement by this additional study. Pupils are thus furnished at the outset with facts of their own observation, which serve as elementary materials for scientific classification and study; they have a habit of observing a certain class of phenomena, and have received suggestions and cautions that are of service to

them in other departments; they are able to pass more easily to mental science, because they have learned that that, as well as natural science, can be pursued by an objective method; they have an already awakened and active interest in the subject that gives them pleasure in learning general principles, sometimes in part known by their own observations; and, moreover, they attach a different value to a text-book which they see is a natural outgrowth of an experience like their own.

As all students make observations, many records have no value apart from the wholesome endeavor that made them; but a progress in the significance of the things noticed and in the manner of recording them is apparent. During the latter part of a term the proportion of significant and valuable papers is greater than during the first part. All papers are carefully preserved (about 2,000 have been collected each year), and it is hoped that they may be of value to students of child-nature; but the primary object of collecting them is the training of prospective teachers, and so highly does the work commend itself as a means to this end, that, if nothing ulterior to this is gained, complete satisfaction, and no disappointment, will be experienced.

#### REQUIREMENTS FOR ADMISSION.

The *required* age is, for young men, seventeen years; for young women, sixteen.

The *average* age of those admitted is usually a little less than nineteen years. Pupils who enter at an age much below the average are rarely able to get the full benefit of the instruction given without remaining more than two years in the school.

Candidates must show upon examination good capacity and general intelligence, and also fair attainments in the following branches; viz., reading, spelling, penmanship, geography, arithmetic, English grammar, history of the United States.

Other things being equal, those gain most advantage from the course who have spent the longest time in preparation.

The entrance examination is often passed creditably by pupils who have made rapid progress in the required studies, but who have not sufficient intellectual maturity to pursue profitably a more advanced course of instruction. It will be seen, therefore, that three things must be considered in the case of each candidate for admission: (1) *age*, (2) *time spent in preparation*, (3) *ability to pass the examination*.

The standard may be reached in any one of these things and the candidate still be unprepared to enter, by reason of deficiency in one or both of the others.

The scope and character of the examinations are indicated by the "Questions" printed in the Appendix.

Express warning is given against trying to enter in the hope of "making up" deficiency in any of these departments.

Candidates must present certificates of good character and good health, must promise a faithful observance of school regulations, and must declare in writing their intention to complete the prescribed course of study and training, and to engage in teaching after graduation.

**TIME OF EXAMINATION FOR ADMISSION.** — The regular examination begins on the first day of each term (see Calendar); and applicants must be present at that time, unless detained by sickness or other imperative and unforeseen necessity.

The examination continues through two days; and lunch should be brought each day, on account of the distance of the school from the centre of the city.

Candidates for admission may present themselves for examination six months, or even a year, before they expect to join the school, and are advised to do so, if convenient, for the sake of becoming better acquainted with the nature of the requirements.

*Students are not admitted to advanced classes, and must not expect to complete the elementary course in less than two years.*

**SPECIAL STUDENTS.** — Applications having been occasionally made by college graduates to take a special (elective) course at the

school, it has for some time been the rule to allow such, in common with graduates of normal and scientific schools, the full advantage of the institution. On the completion of such a course, a certificate is given, specifying the character and quality of the work done, and the fitness of the candidate to serve as a teacher in the public schools.

**LEAVE OF ABSENCE.**—It is often the case that, through weak health or stress of circumstances, pupils may be obliged to miss one, two, three or more terms. It is in the interest of such that the course need not be pursued uninterruptedly to the end. Students may, and often do, obtain leave of absence to teach or to rest, and resume their work afterwards. This divides, but of course does not shorten, their course of study.

**TERMS OF TUITION.**—Tuition, and also the use of all text-books, is free to such as intend to teach in the public schools of Massachusetts, whether residents of this State or not. Those whose purpose is to teach in other States or in private schools are required to pay in advance fifteen dollars a term (thirty dollars a year) for tuition. A fee of two dollars a term in advance is required of each pupil, to meet incidental expenses.

*Pupils who withdraw from the school without permission of the principal must pay at the rate of fifteen dollars a term for the tuition they have received.*

#### GOVERNMENT.

The government of the school is not a government of rules, nor even of laws. The school is not without law, but the pupils are led by suggestion, encouragement and admonition, to become a law unto themselves. That this is a statement not merely of what is thought desirable as a method of government, but of what is actually accomplished, is the testimony of both official and casual visitors of the school. The pupils hardly realize that they are governed; they feel that they govern themselves.

### HEALTH.

INSTRUCTION IN HYGIENE. — A marked feature of the school is the special attention directed not only to the physical well-being of the pupils, but to such instruction as will enable them to deal practically with living questions of hygiene as they arise in everyday life. The pupils are both taught to understand the conditions of healthful life, and trained and assisted to put into practice the instruction they receive in the care of health. They have careful oversight, and are advised individually according to their needs. No pupil enters the school without furnishing a physician's certificate of good health, and no pupil is allowed to remain whose physical condition is not thought equal to the demands of the school work. In cases of fatigue, exhaustion, or such indisposition as may unfit pupils for duty, they are advised to take immediate rest; and it is for the use of such that a quiet room, fittingly furnished, and one of the lightest and pleasantest in the building, has been set apart. Special efforts are made to counteract any tendency to over-work, over-excitement, or hurry. No recitations or study periods are longer than forty minutes, and during the ample and frequent intervals of relaxation school work is completely put aside.

RECREATION. — The pupils find a fund of social recreation, not only in the hall, which is provided with a piano, and which is thrown open to them to enjoy themselves as they will, but in the large lunch-room, used exclusively for the purpose that its name indicates. Shortly after midday the luncheons, left since the last recess in the hot-closet, are brought out, and the room is soon made lively by the voices of a hundred or more pupils, seated in groups around tables filled to overflowing with the several contributions to this noonday feast. During the warmer months, however, even the lunch-room has to yield in attractiveness to the tree-shaded grounds about the building.

PHYSICAL EXERCISE. — A special time is set apart every day for physical exercises of some sort. These are not set calisthenic move-

ments of the usual kind, but take the form of thorough drill in the throwing of light balls, the handling of sticks or wands, marching to music, singing in chorus, or such exercise as is fitted to develop vigor and activity of body at the same time that it cultivates habits of precision and accuracy, and fits the pupils to meet some of the difficulties of drill and discipline in the profession for which they are being trained.

#### PLATFORM EXERCISE.

This exercise has the somewhat comprehensive aim of helping pupils to command their faculties and use their mother wit amid the interruptions and distractions of the school-room. It consists of speaking, reading, drawing, etc., on the platform in presence of the school. The widest range is given to choice of subject and to manner of presenting it, with the single restriction of time. The prepared material must not occupy more than four minutes, although the questions asked by teachers and pupils may change the performance to extemporaneous speaking, and prolong it indefinitely. Forty-five minutes are used in this manner each day. No time is assigned to individuals, but each takes part when she chooses, or can find opportunity, with the well-understood provision that not less than nine persons must be prepared and on the platform every day. Since the exercise is a trying one to pupils, there is little direct criticism, and such as is made takes the form of commendation of the excellences of the performance. In reply to the question, "What school exercise was most profitable to you?" graduates are almost certain to name this, or "The study of children."

#### THE LIBRARY.

The library has been made to contribute materially to the progress of the pupils, both in general intelligence and literary culture, partly in consequence of the device of placing it in the school hall and in the recitation-rooms, where it can be used at all times without formal permission. Books may be taken home on Saturday afternoons and



kept until Tuesday ; and, as they can be obtained more easily from this library than from any other, a large part of the pupils confine their reading to this collection. The result is an acquaintance with a somewhat large number of books of the best sort, and a manifest improvement in literary taste and in standards of excellence.

The almost unrestricted use of the library is not abused. While the appearance of the books is convincing evidence that they are much read, not more than two or three volumes have been lost or mutilated in the sixteen years of the existence of the school, and it is rarely necessary to inquire for a book when it is needed.

The number of volumes is at present more than 2,500, and additions are constantly made, up to the limits of the funds available for that purpose.

#### **GENERAL FACILITIES.**

**INCIDENTAL ADVANTAGES.**—Important facilities for general improvement are offered to pupils in the libraries, institutions and other means of culture, in which Worcester is rich.

The extensive and well-arranged museum of the Worcester Natural History Society is open for inspection, and specimens in all departments can be borrowed by teachers and students, and taken to the school for purposes of study and illustration.

The hall of the American Antiquarian Society contains a notably rich store of interesting exhibits, and the library includes a rare treasury of books pertaining to American history.

The Free Public Library stands unique among the institutions of the kind in this country for the effective relationship existing between it and the schools. Its large and well-endowed reference library, its well-filled circulating department, its reading-rooms, supplied with the leading domestic and foreign papers and periodicals, afford exceptional opportunities to the schools. Special facilities are offered to teachers and pupils, and the librarian is unsparing in his efforts to render every aid in the choice and use of books, or in any way in which he can assist the reader.

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**RAILROAD FARES.** — The six lines of railroad centring in Worcester afford easy communication with the neighboring towns and villages. Season-tickets or mileage-tickets are issued to pupils of the normal school at greatly reduced rates, and the daily sessions of the school are so arranged as to accommodate those who wish to come and go by the cars.

#### GENERAL INFORMATION.

**BOARD AND ROOMS.** — Students are advised to board in the city, if possible. Not much is saved pecuniarily by those who go in and out every day by rail, and the loss of time and the incidental exposure put them at serious disadvantage.

There is no boarding-house connected with the school; but suitable accommodations in respectable private families in the neighborhood, approved by the authorities of the institution, are easily obtained. To such as seek information or advice in this direction, the principal is ready to give every assistance in his power.

In the case of pupils of the normal school, the average cost of board (generally including room, fuel, light and washing) has been ascertained to be about four dollars per week.

**INCIDENTAL EXPENSES.** — The necessary incidental or miscellaneous expenses have averaged about five dollars for each pupil for the term, or ten dollars a year.

These averages imply strict economy on the part of pupils, and in making an estimate of expenses it would probably be unsafe to go below the above figures.

#### STATE AID.

The Commonwealth has regularly appropriated several hundred dollars a year to each of its normal schools, to be divided among such pupils as are most needy and deserving. This school of course receives its proper share of such funds, and is able to render assistance to a number of students each year.

The State also gives the use of all the text-books required in the course, as well as free access to an ample and well-selected library of reference and general literature.

#### **NORMAL SCHOOL SCHOLARSHIPS AT HARVARD.**

There are eight scholarships in the scientific school of Harvard University for the benefit of graduates of the State normal schools. The annual value of each of these scholarships is one hundred and fifty dollars, which is the price of tuition, so that the holder of the scholarship gets his tuition free.

The incumbents are originally appointed for one year, on the recommendation of the principals of the schools from which they have been severally graduated. These appointments may be annually renewed, on the recommendation of the faculty of the scientific school.

#### **TO VISITORS.**

A hearty invitation is extended to the parents and friends of pupils — to all, in fact, who may feel inclined — to visit the school, and see the current and method of its daily working. The first two and last two weeks of a term are, obviously, the least favorable times for a visit.

The school committees and superintendents of the neighboring towns are particularly and earnestly urged to make themselves acquainted with this school, — especially designed, as it is, to aid them in their work of improving our public instruction, — and to introduce to its advantages such young teachers of promise as aspire to more thorough preparation for their calling.

The school is not in session on Mondays. On other days the hours (leaving out the noon recess) are from twenty-five minutes past nine o'clock to five minutes to four, an arrangement that has been found the most convenient for ninety-six per cent. of the pupils.

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## APPENDIX.

### GRADUATES.

NOTE. — All the graduates have been examined and approved as teachers for the schools of Worcester by the examining committee of the school board of the city.

When any change of name or residence has been reported, it is indicated immediately under the name and residence at the time of graduation. Graduates will see that it is very desirable to have notice of such changes promptly sent to the principal.

#### FIRST CLASS, JULY, 1876.

NAMES.	RESIDENCES.
Lydia Walker Ball . . . . .	Upton.
Harriet Crook . . . . .	Valley Falls.
Mrs. Fred. Snider (Bay State), Northampton.	
Ella Eudora Goddard . . . . .	Worcester.
Ella Jane Lyford . . . . .	Spencer.
Worcester.	
Joseph Chauncey Lyford (Secretary) . . . . .	Spencer.
Worcester.	
Marianna Newton . . . . .	Worcester.
Mrs. Henry E. Chace, Fall River.	
Alice Vara Proctor . . . . .	Spencer.
Mrs. Nathan A. Cobb, Sydney, Australia.	
Hannah Arabella Tucker . . . . .	North Brookfield.
Celia Eliza Whiteman . . . . .	Le Roy, N. Y.
Mrs. George H. Marsh, Auburn, N. Y.	
Fanny Alberta Williams . . . . .	Worcester.

#### SECOND CLASS, JANUARY, 1877.

Frances Maria Athy . . . . .	Worcester.
Effie Lillian Bennett (Secretary) . . . . .	Worcester.
Sarah Ann Boyd . . . . .	Cherry Valley.

NAMES.	RESIDENCES.
Florence Emily Brown . . . . .	East Douglas.
Mrs. Horace Martin, East Douglas.	
Harriet Abigail Brown . . . . .	East Douglas.
Somerville.	
Mary Ellen Cecilia Carroll . . . . .	Worcester.
Jennie Lullona Dearborn . . . . .	Worcester.
Clara Amelia Grout . . . . .	Worcester.
Mrs. John W. Nichols, Barre, Vt.	
Milly Jane Hall . . . . .	Upton.
Mrs. Henry L. Patrick, Hopedale.	
Gertrude Hawkins . . . . .	Fitchburg.
Mrs. Charles F. Wilson, Fitchburg.	
Augusta Seaver Houghton . . . . .	Wilkinsonville.
Mrs. Louis E. Chase, Wilkinsonville.	
Annie Devereaux Johnson . . . . .	Worcester.
Mrs. James Logan, Worcester.	
Helena Adelaide Marie Kalaher . . . . .	Worcester.
Gertrude Mitchell King . . . . .	Nantucket.
Margaret Jane McCann . . . . .	Worcester.
Mary Elizabeth Murphy . . . . .	Worcester.
Philadelphia, Pa.	
Jeanette Maria Putnam . . . . .	Northbridge.
Mrs. Edward E. Clark, Auburndale.	

## THIRD CLASS, JULY, 1877.

Carrie Maria Adams . . . . .	Worcester.
Emma Abbie Bigelow . . . . .	Holden.
Mrs. E. C. Houghton, Portland, Me.	
Ida Frances Boyden . . . . .	Oakham.
Mrs. Alvan H. Brown, East Douglas.	
Jennie Ellis Chandler . . . . .	Duxbury.
Bridgewater.	
Bessie Alice Chase . . . . .	Worcester.
Mrs. Edmund P. Capron, Boston.	
Joseph Percy Chase . . . . .	Worcester.
Providence, R. I.	
Katie Agnes Coughlin . . . . .	Worcester.
Mrs. David L. Bradt, Worcester.	
Mabel Crane . . . . .	Blackstone.
Mrs. W. Henry DeLong, Worcester.	
Mary Rebecca Doherty . . . . .	Worcester.
Mrs. Thomas D. Connolly, Beverly Farms.	
Eliza Ann Fairbanks . . . . .	Westborough.
Mrs. C. H. Hersem, Westborough.	

NAMES.	RESIDENCES.
Ellen Montgomery Flitts . . . . .	Worcester.
Mrs. Robert M. Higgins, St. Louis, Mo.	
Mary Elizabeth Fitzgerald . . . . .	Worcester.
Ida Louise Gaskill (Secretary) . . . . .	Blackstone.
Ella Eudora Hall . . . . .	Worcester.
Mrs. Alfred C. Bradish, Worcester.	
Mary Field Harrington . . . . .	Worcester.
Anna Beatrice Hopkins . . . . .	Worcester.
Mrs. John H. Leland, Worcester.	
Olive Rice Jenks . . . . .	Spencer.
Mrs. Benjamin S. Crocker, Chicago, Ill.	
Lucia Naomi Jennison . . . . .	East Templeton.
Mary Ann Kean . . . . .	Worcester.
Mrs. James Early, Worcester.	
Anna Maria Murray . . . . .	Worcester.
Katie Ann McCarthy . . . . .	Worcester.
Minnie Willietta Sherman . . . . .	Worcester.
Anna Maud Smith . . . . .	Worcester.
Mrs. Otis A. Merrill, Lowell. Died in Lowell, April 30, 1886.	
Hattie Urania Thwing, . . . . .	Worcester.
Mrs. Charles F. Smith, Worcester.	
Annie Teresa Timon . . . . .	Worcester.
Isabella Livingston Tullis . . . . .	Worcester.
Mrs. William A. Harding, Brooklyn, N. Y.	
Jennie Abbie Whitney . . . . .	Worcester.
Mrs. Henry H. Browning, Haverhill.	

## FOURTH CLASS, JANUARY, 1878.

Lizzie Joanna Andrews . . . . .	Worcester.
Addie Jane Booth (Secretary) . . . . .	Worcester.
Mrs. Alvarado A. Coburn, Worcester.	
Ella Agnes Casey . . . . .	Worcester.
Elizabeth Edwina Chapin . . . . .	Worcester.
Jennie Cora Clough . . . . .	Worcester.
Edna Currier . . . . .	Worcester.
Mrs. Amory C. Holden, Worcester.	
Anna Crosby Cutting . . . . .	Templeton.
Katie Anna Fallon . . . . .	Worcester.
Mrs. Thomas W. Butler, Worcester.	
Addie Eliza Kendall . . . . .	Worcester.
Mrs. William E. Walte, Worcester.	

NAMES.	RESIDENCES.
Armina Lillian Paul . . . . .	Worcester.
Mrs. James C. Stewart, Worcester.	
Lilla Maria Rice . . . . .	Grafton.
Mrs. Charles L. Ware, Fort Scott, Kan.	
Fanny Louise Smythe . . . . .	Worcester.
Mrs. John F. Kyes, Worcester. Died in Worcester, April 10, 1882.	
Marietta Sykes . . . . .	Blackstone.
Mrs. Edward D. Brown, Minneapolis, Minn.	
Mary Alice Winter . . . . .	Northbridge.
Mrs. Harold Foss, Worcester.	

## FIFTH CLASS, JULY, 1878.

Nettie Eliza Adams . . . . .	Fitchburg.
Mrs. J. Chauncey Lyford, Worcester.	
Elizabeth Estelle Bent . . . . .	South Gardner.
Mrs. Franklin Eaton, South Gardner.	
Emma Frances Brown . . . . .	Worcester.
Isabella Newton Eddy . . . . .	Leicester.
Mrs. Charles T. Newton, West Boylston.	
Mary Abby Hayward . . . . .	Ashby.
Mary Elizabeth Houghton (Secretary) . . . . .	Worcester.
Mrs. C. David White, Washington, D. C.	
Isabel Pemberton Morey . . . . .	West Brookfield.
Harriet Betsey Sargent . . . . .	South Gardner.
North Cambridge.	
Carrie Angelcia Smith . . . . .	Worcester.
Nellie Blake Webber . . . . .	Worcester.
Mrs. Winslow S. Lincoln, Worcester.	

## SIXTH CLASS, JANUARY, 1879.

Jennie Irene Adams . . . . .	Fitchburg.
Mrs. Charles F. Martensen, Springfield.	
Hattie Woodward Arnold . . . . .	Westborough.
Mrs. D. O. Clark, Warren.	
Emma Buckley . . . . .	Worcester.
Mary Rosalie Goddard (Secretary) . . . . .	Worcester.
Mary Emma Hastings . . . . .	Westborough.
Waltham.	
Jennie Leonora Higgins . . . . .	Worcester.
Mrs. James E. Smith, Worcester.	
Effie Frances Kinne . . . . .	Plainfield, Conn.
Mrs. Edwin D. Goodell, Brookfield.	
Katie Agatha McLoughlin . . . . .	Worcester.

NAMES.	RESIDENCES.
Hattie Stearns Putnam . . . . .	Worcester.
Sarah Elizabeth Rogers . . . . .	Worcester.
Mrs. Edwin N. Sanderson, Brooklyn, N. Y.	
Adeline Estelle Sprague . . . . .	Worcester.
Marion Capitola Tucker . . . . .	North Brookfield.

## SEVENTH CLASS, JULY, 1879.

Eugene Bacon . . . . .	Framingham.
Nobscot.	
Mary Ella Clark . . . . .	Paxton.
Susan Drake . . . . .	Spencer.
Died in Spencer, June 16, 1888.	
Maggie Agnes Flaherty . . . . .	Worcester.
Emma Lorette Giffin . . . . .	Templeton.
Mrs. Charles H. Wright, Haselton, O.	
Katie Elizabeth Kenney . . . . .	Worcester.
Milford.	
Ellen French Lindsay . . . . .	Grafton.
Henrietta Agnes Murray (Secretary) . . . . .	Worcester.
Anna Harriet Newton . . . . .	Paxton.
Mrs. Fred. Barnes, Worcester.	
Edwin Thomas Painter, B. S. . . . .	Worcester.
Edwin Thomas Painter, M.D., Pittsburg, Pa.	
Emma Miller Plimpton . . . . .	Northbridge.
Mary Agnes Rourke . . . . .	Worcester.
Mary Abble Sanborn . . . . .	West Baldwin, Me.
Mrs. George B. Paddock, Minneapolis, Minn.	
Abby Brewer Shute . . . . .	Auburn.

## EIGHTH CLASS, JULY, 1880.

Sarah Maria Averill . . . . .	Plainfield, Conn.
Cora Anna Baldwin . . . . .	Worcester.
Mary Elizabeth Barnard . . . . .	Harvard.
Mrs. William J. D'Ewart, Worcester.	
Mary Mead Bowen . . . . .	Mianus, Conn.
Mary Etta Buxton . . . . .	Worcester.
Mrs. Robert W. Robinson, Worcester.	
Sarah Maria Davis . . . . .	Webster.
Daisy Alice Miranda Fairchild . . . . .	Worcester.
Mrs. Sidney A. Sherman, Amherst.	
Hattie Grant Gates (Secretary) . . . . .	Worcester.



NAMES.	RESIDENCES.
Mary Gertrude Griggs . . . . .	Worcester.
Etta Lorenda Hill . . . . .	West Upton.
Mrs. Edward H. Forbush, Worcester.	
Caroline Elizabeth Howe . . . . .	Paxton.
Mary Anne Kane . . . . .	North Brookfield.
Mrs. John A. Howard, Spencer.	
Harriet Lightbourn . . . . .	Worcester.
Alice Eliza Meriam . . . . .	Worcester.
Emma Sophronia Peirce . . . . .	Leicester.
Died in Worcester, March 26, 1884.	
Nellie Louisa Pierce . . . . .	Chesterfield, N. H.
Mrs. Fred. W. Fogg, Worcester.	
Rosa Isabelle Seavey . . . . .	Worcester.
Mrs. William C. Howe, Worcester.	
Anna Philena Smith . . . . .	Central Village, Conn.
Maude Mary Smith . . . . .	Grafton.
Mrs. S. G. Lynn, Saundersville.	
Marina Harwood Tucker . . . . .	North Brookfield.
Mrs. Wilber W. Hobbs, Worcester.	

## NINTH CLASS, JULY, 1881.

N. B. — Graduates whose names are marked with (A) have, besides passing through the regular course of study, served for a half year as apprentices (see page 17) in the public schools of the city of Worcester.

Selma Petronella Ahlstrom (A) . . . . .	Worcester.
Hattie Bond Andrews (A) . . . . .	Worcester.
Olive Maria Butler . . . . .	Worcester.
Mrs. Charles F. Howard, Orange. Died in Meriden, Conn., Dec. 22, 1889.	
Elida Maria Capen (A) . . . . .	Charlton.
Rebecca Harlow Davle . . . . .	Worcester.
Wilton Herbert Desper, B. S. . . . .	Worcester.
Edward Doolittle Fitch . . . . .	Worcester.
Edward Doolittle Fitch, M.D., Worcester.	
Anna Trask Kelley (A) . . . . .	Worcester.
Mary Emily McCormick (A) . . . . .	Worcester.
Alice Caroline Mason (A) (Secretary) . . . . .	Worcester.
Mrs. George F. Barnard, Worcester.	
Catherine Theresa Nevins (A) . . . . .	Nantucket.
Georgiana Maria Newton (A) . . . . .	Worcester.
Bertha May Peckham (A) . . . . .	Southborough.
Mrs. Elmer I. Balcom, Whitinsville.	

NAMES.	RESIDENCES.
Elizabeth Nettle Robinson . . . . . Mrs. W. S. Hincks, Hyde Park.	Templeton.
Angenette Ethelinda Stone (A) . . . . . Minneapolis, Minn.	Northbridge.
Jennie Matilda Tainter (A) . . . . .	Worcester.

## TENTH CLASS, JANUARY, 1882.

Florence Bicknell (A) . . . . . Died in Boston, May 28, 1885.	Rowe.
Alice Chapin (A) . . . . .	Auburn.
Abbie Mitchell Dorr . . . . .	Southborough.
Mary Blake Dudley (A) . . . . . New York City.	Worcester.
Emma Gertrude Goodwin (A) . . . . .	Worcester.
Abbie Callista Hale . . . . .	Hubbardston.
Lizzie Frances Jones (A) . . . . .	Lunenburg.
Frances Dolbell Martin . . . . . Mrs. Adam Creelman, Newark, N. J.	Worcester.
Ida Marion McCambridge (A) (Secretary) . . . . .	Worcester.
Elizabeth Adelaide Potter . . . . .	Worcester.
Mary Ella Proctor (A) . . . . . Mrs. Henry B. Quimby, Malden.	Worcester.
Anna Bush Ranger (A) . . . . .	Worcester.
Sarah Lydia Sawyer . . . . . Mrs. John W. Jigger, Hyde Park.	Fitchburg.
Caroline Isabel Stone (A) . . . . . Mrs. William Woodward, Worcester.	Auburn.
Mabel Burnside Tew (A) . . . . . Mrs. Hiram E. Barnard, Worcester.	Worcester.
Anna Laura Wells (A) . . . . . Mrs. Benjamin T. Henry, Rowe.	Rowe.
Mary Blanche Wheatly (A) . . . . . Died in Worcester, Feb. 7, 1886.	Worcester.

## ELEVENTH CLASS, JUNE, 1882.

Harriet Almira Baker . . . . .	Phillipston.
Addie Maria Blenus . . . . .	Worcester.
Anna Theresa Cavanaugh (A) . . . . .	Worcester.
Louis Richards Condry . . . . .	Groton.
Ann Foskett (A) . . . . . Worcester.	Webster.
Mary Elizabeth Horgan (A) . . . . . Mrs. John J. Brennan, Worcester.	Worcester.

NAMES.	RESIDENCES.
Mary Eliza Jenks (A) . . . . .	Spencer.
Mrs. G. Samuel Boutelle, Worcester.	
Julia Ardelle Mann (A) . . . . .	Blackstone.
Edwin Scott Matthews, B.S., . . . . .	Worcester.
Boston.	
Grace Emily Pearl (A) . . . . .	Southborough.
Mrs. Albert C. Brown, Fitchburg.	
Ada Dora Saunders (A) . . . . .	Worcester.
Mrs. John W. Dodd, Worcester.	
Jennie Melenda Sprout . . . . .	Worcester.
Died in Worcester, Feb. 24, 1886.	
Anna Daniels Stowell (A) (Secretary) . . . . .	Worcester.
Mrs. George H. Johnson, Ketchum, Idaho.	
Mary Florence Stratton (A) . . . . .	Millbury.
Mrs. Walter N. Walling, Auburndale.	

## TWELFTH CLASS, JANUARY, 1883.

Martha Dowse Adams (A) . . . . .	Worcester.
Boston.	
Harriet Annie Colton . . . . .	Oxford.
Mrs. Frederick A. Wellington, Webster.	
Mary Ellen Convery (A) . . . . .	Worcester.
Hannah Mary Kickham (A) . . . . .	Worcester.
Mary Catherina Morrissey (A) . . . . .	Worcester.
Mabel Piper (A) . . . . .	Worcester.
Anna Theresa Smith (A) . . . . .	Worcester.
Mary Celia Smith (A) (Secretary) . . . . .	Worcester.
Etta Melissa Thayer (A) . . . . .	Worcester.
Etta Theresa Whalen (A) . . . . .	Worcester.

## THIRTEENTH CLASS, JUNE, 1883.

Ada Bartlett Braman . . . . .	Worcester.
Mrs. Charles L. Tower, Worcester.	
Minnie Anna Burgess Chase . . . . .	Worcester.
Mrs. Frank E. Whitehouse, Worcester.	
Louise Frances Clark (A) . . . . .	Paxton.
Mrs. William F. Brown, Paris, France.	
Mary Louise Gafney (A) . . . . .	Worcester.
Alphonsine Talon L'Esperance (A) . . . . .	Worcester.
Died in St. Hyacinthe, Que., Jan. 1, 1887.	
Mary Frye Lewis . . . . .	Willimantic, Conn.
Mrs. Edward E. Johnson.	
Mary Agnes McGillicuddy . . . . .	Worcester.

NAMES.	RESIDENCES.
Mary Alice Marshall . . . . . Manchester, N. H.	Still River.
Jessie Moore Nichols . . . . .	Auburn.
Jennie Mitchell Perrin . . . . . Mrs. Frederick A. Richardson, Worcester.	Westborough.
Alice Valentine Phelps . . . . .	Worcester.
Estella Virginia Rolston (A) (Secretary) . . . . . Honolulu, Hawaiian Islands.	Worcester.
Jennie Elizabeth Sanderson (A) . . . . .	Worcester.
Mary Gertrude Smith (A) . . . . .	Quinsigamond.
Agnes Rose Stewart (A) . . . . .	Worcester.
Abbie Josephine Taft (A) . . . . . New York City.	Worcester.
Lizzie Minnie Urban . . . . .	South Westminster.
Octavia Howard Vaughan (A) . . . . .	Worcester.
Hattie Louisa White . . . . .	Boylston Centre.
Margaret Osgood Whitney . . . . . Mrs. Frederick W. Blackmer, Worcester.	Worcester.
Grace Carpenter Williams (A) . . . . . Mrs. Charles S. J. Ruggles, Gardner.	Gardiner, Me.

## FOURTEENTH CLASS, JANUARY, 1884.

Mary Louise Blenus (A) . . . . . Died in Millbury, Feb. 6, 1887.	Worcester.
Daniel Henry Casey . . . . .	Worcester.
Ellen Gertrude Daley (A) . . . . .	Worcester.
Adelia Teresa Gauren (A) . . . . .	Worcester.
Eliza Tainter Gilbert (A) . . . . . Mrs. George Day, Worcester.	Worcester.
Eudora Estella Hay (Secretary) . . . . .	Worcester.
John Edward Lynch . . . . .	Worcester.
Nellie Abbie Robbins (A) . . . . . Mrs. Henry W. Sykes, Sheffield.	Rochester, N. Y.

## FIFTEENTH CLASS, JUNE, 1884.

Maria Fernald Bosworth (A) (Secretary) . . . . .	Worcester.
Maud Loetta Davis (A) . . . . .	Worcester.
Ellen Frances Fallon . . . . .	Worcester.
Margaret Frances Hagan . . . . .	Worcester.
Lilla Ingalls . . . . . Mrs. Albert D. Felch, Sunapee, N. H.	East Templeton.

NAMES.	RESIDENCES.
Mary Jessie King . . . . .	Middleville, N. Y.
Mrs. Frank H. Buxton, Worcester.	
Etta Rosella Leonard (A) . . . . .	Worcester.
Mrs. Irving E. Comins, Worcester.	
Mary McCann (A) . . . . .	Leominster.
Englewood, Ill.	
Anna Gertrude Melanefy (A) . . . . .	Worcester.
Died in Worcester, Nov. 30, 1885.	
Annie Ward Newell (A) . . . . .	Millbury.
Helena Bridget O'Keefe . . . . .	Worcester.
Providence, R. I.	
Edith Marietta Rolston (A) . . . . .	Worcester.
Mary Lucy Seavey (A) . . . . .	Worcester.
Alice Alberta Tatman (A) . . . . .	Quinsigamond.
Mrs. Arthur E. Hayer, Quinsigamond.	
Elizabeth Pickering Thompson . . . . .	Durham, N. H.
Mrs. Albert DeMeritt, Durham, N. H.	
Katy Adaline Wilder . . . . .	Sterling.
Mrs. R. Lincoln Chandler, Sterling.	

## SIXTEENTH CLASS, JANUARY, 1885.

Katherine Blanche Adams . . . . .	Worcester.
Mrs. Lester T. Crook, Worcester.	
Mary Louise Burroughs . . . . .	Boxborough.
West Acton.	
Minnie Jennie Condy (A) . . . . .	Worcester.
Mrs. Charles F. Pharaoh, Worcester.	
Emma Florence Davis . . . . .	Shrewsbury.
Mrs. George E. Stone, Shrewsbury.	
Cora Belle Drew . . . . .	Burlington, Vt.
Anna Gertrude Foley (A) . . . . .	Worcester.
Julia Elizabeth Green (A) . . . . .	Worcester.
Lucy Maria Green (A) (Secretary) . . . . .	Worcester.
Catharine Aloysia Hackett (A) . . . . .	Worcester.
Annie Maria Ham (A) . . . . .	Worcester.
Carrie Adaline Hildreth (A) . . . . .	Worcester.
Mary Anne McBride (A) . . . . .	Worcester.
Ellen Gertrude McGillicuddy (A) . . . . .	Worcester.
Mary Agnes Morrissey (A) . . . . .	Worcester.
Della Isabel Newbury (A) . . . . .	Worcester.
Mrs. Willis E. Knowlton, Worcester.	
Carrie Louise Palge (A) . . . . .	Hardwick.

NAMES.	RESIDENCES.
Ida May Parsons (A) . . . . .	Holden.
Frances May Prentice (A) . . . . .	Westborough.
Mrs. Fred. S. Dearborn, Worcester.	
Hannah Sheehan (A) . . . . .	Whitinsville.
Mary Elizabeth Talbot Tandy . . . . .	Athol.
Ella Maria Wells (A) . . . . .	Deerfield.
Mrs. H. Clifford Hawks, Deerfield.	
Alvena Betsy Williams (A) . . . . .	Paxton.
Mrs. George E. Stimson, Leicester.	

## SEVENTEENTH CLASS, JUNE, 1886.

Ida Florence Buxton . . . . .	Worcester.
Cora Augusta Cooley (A) . . . . .	Worcester.
Mrs. Edward Lawton, Ayer.	
Amy Holbrook Dana (A) . . . . .	West Boylston.
Atlanta, Ga.	
Minnie Alberta Davis . . . . .	Worcester.
Carrie Elizabeth Dodd (A) . . . . .	Paxton.
Spencer.	
Emily Sophia Gaskill (A) . . . . .	Mendon.
Emma Jane Goddard (A) . . . . .	Grafton.
Emma Eliza Hayward . . . . .	Ashby.
Benjamin West Kinney (A) (Secretary) . . . . .	Worcester.
Georgia Hudson Lakin (A) . . . . .	Paxton.
Mrs. Charles H. Dodd, Worcester.	
Ada Elvera Mason . . . . .	Worcester.
Died in Worcester, May 5, 1890.	
Agnes Josephine O'Gorman (A) . . . . .	Worcester.
Carrie Melinda Sweetzer (A) . . . . .	Worcester.
Florence Mabel Waite (A) . . . . .	Pittsfield.

## EIGHTEENTH CLASS, JANUARY, 1886.

Alice Lucina Bainbridge (A) . . . . .	Worcester.
Alice Rosilla Barton (A) . . . . .	Upton.
Grace Rebecca Everett (A) (Secretary) . . . . .	Worcester.
Edith May Harding (A) . . . . .	Worcester.
Sarah Wyman Hay (A) . . . . .	Worcester.
Nellie Francene Monroe (A) . . . . .	Rutland.
Mrs. Benjamin W. Kinney, Worcester.	
Julia Agnes Quinn (A) . . . . .	Worcester.
Margaret Scott (A) . . . . .	Burlington, Vt.

NAMES.	RESIDENCES.
Annie Gertrude Thompson (A) . . . . .	Worcester.
Carrie Alona Thompson (A) . . . . .	Worcester.

## NINETEENTH CLASS, JUNE, 1886.

Cora Jane Ball (A) . . . . .	Grafton.
Addie Taylor Banister . . . . .	Worcester.
Clara Harwood Bemis . . . . .	Spencer.
Julia Meeker DeCamp (A) . . . . .	Worcester.
Mrs. Sanford D. Leland, Holyoke.	
Mary Jennie Hart (A) . . . . .	Worcester.
Susan Rhoda Hartwell (A) . . . . .	Oxford.
Thomas Joseph Higgins (A) (Secretary) . . . . .	Worcester.
Mary Alice Johnson . . . . .	Westborough.
Mary Elizabeth Joyce (A) . . . . .	Worcester.
Carrie Lauretta Maynard (A) . . . . .	Worcester.
Susan Augusta Peirce (A) . . . . .	West Boylston.
Died in West Boylston, April 27, 1898.	
Abby Louise Penniman (A) . . . . .	Worcester.
Hattie May Ruggles (A) . . . . .	Worcester.
Annie Ellsabeth Tucker (A) . . . . .	Chelsea.
Melrose.	
Ella Maria Whitney . . . . .	Upton.
Mrs. Allan D. Risteen, Hartford, Conn.	
Carrie Howard Wilmarth (A) . . . . .	Worcester.
Mrs. William E. Drake, Brooklyn, N. Y.	

## TWENTIETH CLASS, JANUARY, 1887.

Harriet Louise Brewster (A) . . . . .	Westborough.
May Elsie Chapin . . . . .	Worcester.
Caroline Gertrude Cooke (A) . . . . .	Worcester.
Sarah Leighton Dinsmore . . . . .	Lowell.
Sarah Elizabeth Earley (A) . . . . .	Spencer.
Carrie Lincoln Fletcher (A) . . . . .	Worcester.
Marion Holbrook (A) . . . . .	Worcester.
Florence Holman (A) . . . . .	West Millbury.
Marietta Knight . . . . .	Worcester.
Elizabeth McFarland . . . . .	Sutton.
Hattie Louise Partridge (A) . . . . .	Worcester.
Cora Deborah Elizabeth Robinson (A) . . . . .	Worcester.
Lillian Ainsworth Smith (A) . . . . .	Dudley.
Florence Sherman Walte (A) (Secretary) . . . . .	Worcester.

NAMES.	RESIDENCES.
Lizzie Helen Wallis (A) . . . . .	North Oxford.
Margaret Louisa Walsh (A) . . . . .	Worcester.
Henrietta Maria Wright (A) . . . . .	East Templeton.

## TWENTY-FIRST CLASS, JUNE, 1887.

Olive Minerva Barnes (A) . . . . .	Worcester.
Mrs. William C. Temple, Rutland.	
Alice Harriette Belding . . . . .	Worcester.
Annie Josephine Butterfield (A) . . . . .	Worcester.
Lulu Louise Clarke (A) . . . . .	Worcester.
Albert Swain Colburn . . . . .	Shirley Village.
Anna Burgess Collier (A) . . . . .	Worcester.
Josephine Pauline Convery (A) . . . . .	Worcester.
Margaret Mary Hanley (A) . . . . .	Worcester.
Addie Maria Harthan (A) . . . . .	Worcester.
Kate Maria Healy (A) . . . . .	Worcester.
Nellie Gertrude Jerome (A) . . . . .	Worcester.
Cora Emma Kemp (A) . . . . .	Worcester.
Abbie Curtis Knight (A) . . . . .	Worcester.
Emma Martha McCormick . . . . .	Spencer.
Honora Lucy Murphy (A) . . . . .	Worcester.
Mary Jane Newton (A) . . . . .	Greenfield.
Abigail Loretta O'Hara (A) . . . . .	Worcester.
Lucy Reed Poland (A) (Secretary) . . . . .	Worcester.
Mary Teresa Power (A) . . . . .	Worcester.
Miriam Frances Proctor (A) . . . . .	Spencer.
May Caroline Rogers (A) . . . . .	Worcester.
Kate Emogene Smith (A) . . . . .	Florence.
Louise Adella Stockdale (A) . . . . .	Worcester.
Charlotte May Taylor (A) . . . . .	Bolton.
Bertha Caroline Yeaton (A) . . . . .	Worcester.

## TWENTY-SECOND CLASS, JANUARY, 1888.

Jennie Ambrose Casey (A) . . . . .	Worcester.
Margaret Anne Connolly (A) . . . . .	Worcester.
Idaline Dawley (A) . . . . .	Plainfield, Conn.
Died in Plainfield, Conn., Sept. 4, 1888.	
Catherine Teresa Donnelly (A) . . . . .	Worcester.



NAMES.	RESIDENCES.
Annie Elizabeth Fales (A) . . . . .	Westborough.
Ida Childs Gleason . . . . .	West Brookfield.
Ida Etta Leland (A) . . . . .	Upton.
Mary Mackin (A) . . . . .	Worcester.
Died in Worcester, Aug. 17, 1889.	
Fanny Richards Brewer Macomber (A) . . . . .	Worcester.
Edith Maria Marsh . . . . .	Leicester.
Mary Gertrude Overend (A) (Secretary) . . . . .	Worcester.
Cora Almira Paige (A) . . . . .	Worcester.
Dora Alvira Paige (A) . . . . .	Worcester.
Julia Winifred Smith (A) . . . . .	Quinsigamond.
Minne Belle Stearns (A) . . . . .	North Leominster.
Mrs. George P. Taylor, Springfield.	

## TWENTY-THIRD CLASS, JUNE, 1888.

Mary Agnes Cunningham (A) . . . . .	Worcester.
Amelia Louisa Diemar (A) . . . . .	Worcester.
Minnie Isabel Gage (A) . . . . .	Worcester.
Henry Dwight Hunt . . . . .	Columbia, Conn.
Anna Miriam Johnson (A) . . . . .	Worcester.
Edith Genevieve Loring . . . . .	Westborough.
Jeannette Morrill (A) . . . . .	Benton, N. H.
Gertrude Emma Nash (A) . . . . .	Worcester.
Mary Alice O'Gready (A) . . . . .	Worcester.
Annie Brown Porter (A) . . . . .	Manchester, N. H.
Mary Agnes Quinn (A) . . . . .	Worcester.
Flora Addy Strong . . . . .	Starksborough, Vt.
Margaret Gertrude Sullivan (A) . . . . .	Worcester.
Mary Louise Taylor (A) (Secretary) . . . . .	Worcester.
Helen Frances Walker . . . . .	Worcester.

## TWENTY-FOURTH CLASS, JANUARY, 1889.

Martha Jennie Alton (A) . . . . .	Worcester.
Harriet Amelia Blood (A) . . . . .	Worcester.
Carrie Maria Bunce (A) . . . . .	Worcester.
Anna Loretto Callahan . . . . .	Barre.
Harriet Washburn Cook (A) . . . . .	Worcester.

NAMES.	RESIDENCES.
Jennie Maria Fairbanks . . . . .	Holden.
Ellen Estelle Fitzgerald (A) . . . . .	Worcester.
Cecilia Theresa Kelley (A) . . . . .	Worcester.
Sarah Ann McCormick (A) . . . . .	Worcester.
Ellen Agnes McTiernan (A) . . . . .	Worcester.
Alice Elizabeth Marsh . . . . .	Leicester.
Mrs. Fred. D. Libby.	
Katherine Mathews (A) . . . . .	Westborough.
Grace Lamson Newton (A) . . . . .	Oakdale.
Ellen Agnes O'Neill (A) . . . . .	Worcester.
Mary Elizabeth Patten . . . . .	Danby, Vt.
Clinton.	
Alice Cressy Plumer (A) . . . . .	Maxwell, Neb.
Grace Emeline Remington (A) . . . . .	Worcester.
Sara Elizabeth Rollison (A) . . . . .	Worcester.
Olive Russell (A) (Secretary) . . . . .	Worcester.
Mary Ann Agnes Short (A) . . . . .	Worcester.
Mary Alice Smith (A) . . . . .	Worcester.
Mrs. Melville D. Frost.	
Dora Taft . . . . .	Mendon.
Winifred Rosalie Todd (A) . . . . .	Worcester.
Addy Frances Yeaton (A) . . . . .	Worcester.

## TWENTY-FIFTH CLASS, JUNE, 1889.

Clara Elizabeth Andrews (A) . . . . .	Boylston.
Grace Hulford Bishop (A) . . . . .	Worcester.
Ellen Gertrude Carey (A) . . . . .	Worcester.
Stella Elizabeth Chapin (A) . . . . .	Worcester.
Susan May Corbin . . . . .	W. Woodstock, Conn.
Annie Maria Gilbert (A) . . . . .	Worcester.
Nettle May Grout (A) . . . . .	Spencer.
Susan Martha Hill (A) . . . . .	Hudson.
Lou Frances Sawtelle . . . . .	Worcester.
Mrs. Arthur D. Putnam.	
Netty Anna Starkey (A) (Secretary) . . . . .	Worcester.
Katie Stevenson (A) . . . . .	Worcester.
Clara Harwood Walker (A) . . . . .	Worcester.
Elizabeth Frances Walker . . . . .	Worcester.

NAMES.	RESIDENCES.
Martha Raymond Walker (A) . . . . . Denver, Col.	Worcester.
Harriet Erwin Wheeler (A) . . . . .	Worcester.
Emma Augusta Windle . . . . .	Oxford.

**TWENTY-SIXTH CLASS, JANUARY, 1890.**

Maud Sophie Bosworth (A) . . . . .	Worcester.
Herbert Eugene Buxton, . . . . .	Ashford, Conn.
Flora Browning Chamberlain (A) . . . . .	Worcester.
Florence Malbone Dodge (A) . . . . .	Worcester.
Alice Gertrude Draper (A) (Secretary) . . . . .	Worcester.
Alice Little Eames (A) . . . . .	Worcester.
Elizabeth Christine Finn (A) . . . . .	Worcester.
Mary Agnes Flynn (A) . . . . .	Worcester.
Costella Gertrude Gale (A) . . . . .	Gullford, Vt.
Margaret Jane Gartland (A) . . . . .	Worcester.
Mary Gertrude Geary (A) . . . . .	Worcester.
Mary Catherine Henry (A) . . . . .	Worcester.
Anna May Hewett (A) . . . . .	Worcester.
Lena May Hurlbut (A) . . . . .	Richford, Vt.
Harriet Howe Maynard . . . . .	Townsend.
Annie York Milliken (A) . . . . .	Worcester.
Anna Grace Moore (A) . . . . .	Worcester.
Amy Murray (A) . . . . .	Worcester.
Rupert Henry Murray . . . . .	Worcester.
Kate Evans Parker Newhall (A) . . . . .	Worcester.
Minnie Partridge . . . . .	Medway.
Jeannette Witherby Scruton (A) . . . . .	Canton, N. Y.
Ella Louise Smith (A) . . . . .	Worcester.
Annie Lillian Sullivan (A) . . . . .	Worcester.
Mary Eleanor Whitty (A) . . . . .	Fitchburg.
Mary Emma Williams . . . . .	Webster.

**SPECIAL STUDENTS**

WHO HAVE RECEIVED CERTIFICATES OF PROFICIENCY.

**1881.**

Francis Patrick McKeon, A.M.

Richard Henry Mooney, A.M.

**1882.**

Thomas William Butler.

Owen Henry Conlin, A.B.

Peter Andrew Conlin, A.B.

Edward Aloysius Quinland, A.B.

**1883.**

Arthur Hay, A.B.

**1886.**

William Francis Carmody, A.B.

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**SUMMARY OF NUMBERS.**

Number in the First Class . . . . .	10
Number in the Second Class . . . . .	17
Number in the Third Class . . . . .	27
Number in the Fourth Class . . . . .	14
Number in the Fifth Class . . . . .	10
Number in the Sixth Class . . . . .	12
Number in the Seventh Class . . . . .	14
Number in the Eighth Class . . . . .	20
Number in the Ninth Class . . . . .	16
Number in the Tenth Class . . . . .	17
Number in the Eleventh Class . . . . .	14
Number in the Twelfth Class . . . . .	10
Number in the Thirteenth Class . . . . .	21
Number in the Fourteenth Class . . . . .	8
Number in the Fifteenth Class . . . . .	16
Number in the Sixteenth Class . . . . .	22
Number in the Seventeenth Class . . . . .	14
Number in the Eighteenth Class . . . . .	10
Number in the Nineteenth Class . . . . .	16
Number in the Twentieth Class . . . . .	17
Number in the Twenty-first Class . . . . .	25
Number in the Twenty-second Class . . . . .	15
Number in the Twenty-third Class . . . . .	15
Number in the Twenty-fourth Class . . . . .	24
Number in the Twenty-fifth Class . . . . .	16
Number in the Twenty-sixth Class . . . . .	26
Total number of graduates . . . . .	426
Number of certificated students . . . . .	8

## GIFTS OF THE GRADUATING CLASSES.

These all form a part of the decoration of the main hall or school-room.

FIRST CLASS . . . . . Apollo. (Bust.)

SECOND CLASS . Angel-Boys, from Raphael's "Sistine Madonna."  
(Photograph.)

THIRD CLASS . . . . . Guido's "Aurora." (Photograph.)

FOURTH CLASS . . . . . Colosseum at Rome. (Photograph.)

FIFTH CLASS . . . . . Julius Cæsar. (Bust.)

SIXTH CLASS . . . . . John Locke. (Bust.)

SEVENTH CLASS . . . . . Pestalozzi. (Bust.)

EIGHTH CLASS . . . Ralph Waldo Emerson. (French's Bust.)

NINTH CLASS . . . "An Old Monarch," by Rosa Bonheur.  
(Engraving.)

TENTH CLASS . . . . . Pyramids and Sphinx. (Photograph.)

ELEVENTH CLASS . . . . . Titian's "Flora." (Photograph.)

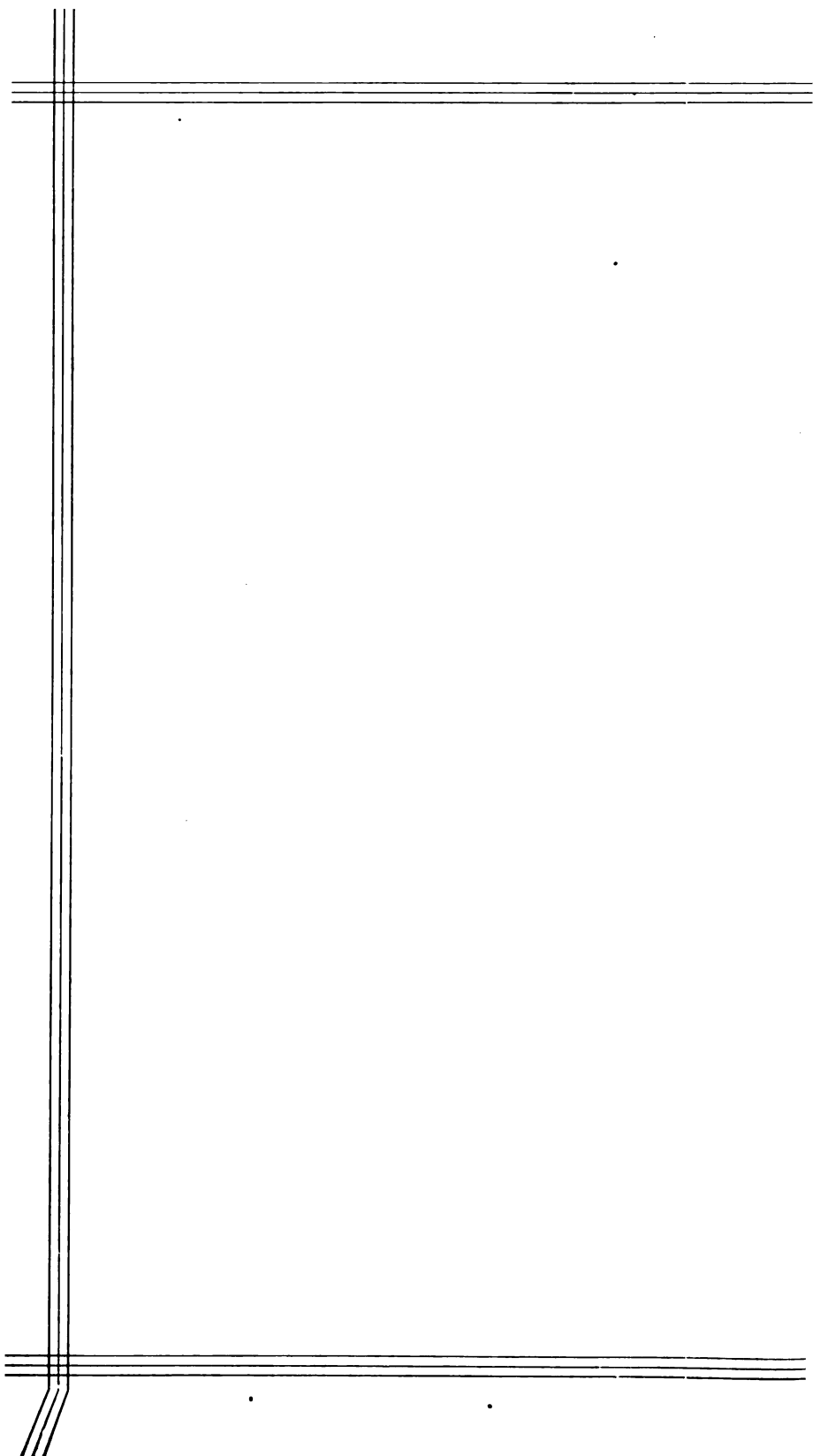
TWELFTH CLASS, Michel Angelo's "Three Fates." (Photograph.)

THIRTEENTH CLASS . . . . . Lincoln. (Volk's Bust.)

FOURTEENTH CLASS . . . . . Webster. (Photograph by Hawes.)

FIFTEENTH CLASS . . . . . Millet's "Spinner." (Etching.)

SIXTEENTH CLASS . . . . . Franklin. (Houdon's Bust.)



FIFTEENTH ANNIVERSARY  
OF THE  
STATE NORMAL SCHOOL  
AT WORCESTER.

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*Programme.*

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THURSDAY, JUNE 20, 1889.



## FORENOON.

BEGINNING AT HALF-PAST NINE O'CLOCK.

SINGING, — "Hymn of Praise," . . . . . *Brahmig.*

## READING OF THE THESES.

## TWENTY-FOURTH CLASS, JANUARY, 1889.

MARTHA JENNIE ALTON (A), . . . . . Worcester.  
 FALSEHOOD IN CHILDREN.

\*HARRIET AMELIA BLOOD (A), . . . . . Worcester  
 THE TEACHER'S "KIT."

CARRIE MARIA BUNCE (A), . . . . . Worcester.  
 JEWISH EDUCATION.

ANNA LORETTO CALLAHAN, . . . . . Barre.  
 THE NORMAL SCHOOL FOR ONE WHO HAS ALREADY TAUGHT.

\*HARRIET WASHBURN COOK (A), . . . . . Worcester.  
 JAPANESE SCHOOLS.

JENNIE MARIA FAIRBANKS, . . . . . Holden.  
 SONGS AND STORIES.

\*ELLEN ESTELLE FITZGERALD (A), . . . . . Worcester.  
 HELPS IN TEACHING GEOGRAPHY.

CECILIA THERESA KELLEY (A), . . . . . Worcester.  
 PESTALOZZI'S "LEONARD AND GERTRUDE."

SARAH ANN MCCORMICK (A), . . . . . Worcester.  
 A CHILD'S DIFFICULTIES IN LEARNING TO WRITE.

NOTE. — Not all the essays can be read in the time allotted to the exercises. The names of the readers are indicated by a star.

N. B. — Graduates whose names are marked with (A) have, besides passing through the regular course of study, served for a half-year as apprentices in the public schools of the city of Worcester.

\*ELLEN AGNES McTIERNAN (A), . . . . Worcester.

HINTS FROM HERBERT SPENCER.

ALICE ELIZABETH MARSH, . . . . Leicester.

ADVANTAGES OF A COUNTRY CHILD.

KATHERINE MATHEWS (A), . . . . Westborough.

AUTHORITY OF SCHOOL OFFICERS AND TEACHERS.

GRACE LAMSON NEWTON (A), . . . . Oakdale.

GROVES AND TREE-LABELLING.

\*ELLEN AGNES O'NEIL (A), . . . . Worcester.

GRIEFS AND PLEASURES OF CHILDHOOD.

MARY ELIZABETH PATTEN, . . . . Danby, Vt.

HORACE MANN.

\*ALICE CRESSY PLUMER (A), . . . . Maxwell, Neb.

NEBRASKA SCHOOLS.

\*GRACE EMELINE REMINGTON (A), . . . . Worcester.

MARIA EDGEWORTH.

\*SARA ELIZABETH ROLLISON (A), . . . . Worcester.

CHILDREN'S FIRST ATTEMPTS AT ART.

\*OLIVE RUSSELL (A), . . . . Worcester.

IMAGINATION IN CHILDREN.

MARY ANN AGNES SHORT (A), . . . . Worcester.

FEAR IN CHILDREN.

MARY ALICE SMITH (A), . . . . Worcester.

THE TEACHER OUTSIDE OF SCHOOL.

\*DORA TAFT, . . . . Mendon.

WOMEN AS EDUCATORS.

WINIFRED ROSALIE TODD (A), . . . . Worcester.

EDUCATION IN THE SANDWICH ISLANDS.

\*ADDY FRANCES YEATON (A), . . . . Worcester.

SOCRATES AND THE SOCRATIC METHOD.

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RECESS,—FIVE MINUTES.

---

SINGING. — "Summer Fancies." . . . . *Olivier Métra.*

TWENTY-FIFTH CLASS, JUNE, 1889.

CLARA ELIZABETH ANDREWS (A), . . . . Boylston.

EDUCATIONAL VALUE OF TOYS.

\*GRACE HULFORD BISHOP (A), . . . . Worcester.

WILLIAM ELLIS AND HIS "CONDUCT TEACHING."

ELLEN GERTRUDE CAREY (A), . . . . Worcester.

INVESTIGATION OF SUBJECTS.

\*STELLA ELIZABETH CHAPIN (A), . . . . Worcester.

CHILDREN'S RELATIONS WITH ANIMALS.

SUSAN MAY CORBIN, . . . . West Woodstock, Conn.

THE FOLK-LORE OF PLANTS.

\*ANNIE MARIA GILBERT (A), . . . . Worcester.

THE SCHOOLMASTER'S TROUBLES.

\*NETTIE MAY GROUT (A), . . . . Spencer.

MINERALOGY FOR CHILDREN.

SUSAN MARTHA HILL (A), . . . . Hudson.

PRYER'S OBSERVATION OF HIS CHILD.

LOU FRANCES SAWTELLE, . . . . Worcester.

THE CHILD IN GEORGE ELIOT'S WRITINGS.

\*NETTY ANNA STARKEY (A), . . . . Worcester.

BAIN'S "ART OF STUDY."

KATIE STEVENSON (A), . . . . Worcester.

THE TRAINING OF GIRLS.

CLARA HARWOOD WALKER (A), . . . . Worcester.

COMPETITIVE EXAMINATIONS.

\*ELIZABETH FRANCES WALKER (A), . . . . Millbury.

MRS. SHAW'S KINDERGARTENS.

\*MARTHA RAYMOND WALKER (A), . . . . Worcester.

THE FIFTY-SECOND ANNUAL REPORT OF THE BOARD OF EDUCATION.

HARRIET ERWIN WHEELER (A), . . . . Worcester.

PHYSICAL EDUCATION IN SCHOOL.

EMMA AUGUSTA WINDLE, . . . . North Grafton.

DREAMS.

## AFTERNOON.

BEGINNING AT QUARTER-PAST TWO O'CLOCK.

---

SINGING, — Peasant Wedding March, . . . . . *Söderman.*

### VALEDICTORY, — TWENTY-FOURTH CLASS.

ENNIE MARIA FAIRBANKS, . . . . . Holden.

SONGS AND STORIES.

---

### VALEDICTORY, — TWENTY-FIFTH CLASS.

DU FRANCES SAWTELLE, . . . . . Worcester.

THE CHILD IN GEORGE ELIOT'S WRITINGS.

---

### AWARD OF DIPLOMAS.

---

SINGING, — Two old songs (learned by ear and sung in unison) :

1. "O slumber, my darling."
  2. "Over the water to Charlie."
- 

### ANNIVERSARY ADDRESS.

By FRANCIS A. WALKER, LL. D., President Massachusetts Institute of Technology, Boston.

---

SINGING. "Auld Lang Syne" (arranged by Mr. C. C. Stearns, and learned by ear)

## LAST REPORT OF THE STATE BOARD OF VISITORS CONCERNING THE WORCESTER SCHOOL.

[ *From the Fifty-third Annual Report of the Board of Education.* ]

The visitors report with gratification the continued prosperity and increasing usefulness of this school. There is no abatement of zeal in the teachers, nor of enthusiasm in the students. The resources generously placed at the disposal of the school from year to year, by successive appropriations of the Legislature, are scrupulously devoted to the sole purpose for which they were made. The graduates are in steady demand, both at home and abroad; and, as a matter of record, more than ninety per cent. of them teach, with unquestionable acceptance, in the public schools of the Commonwealth.

### INSTRUCTORS.

The teaching staff is composed wholly of mature and experienced instructors, whose wide and varied attainments and whose weight of character give unusual force to their influence upon the students. While as teachers they are by no means cast in the same mould, but differ greatly in their methods and manner of instruction, — a fact which the visitors regard as highly favorable to the maintenance of a broad and liberal system of training, — they yet work together in a spirit of harmony and mutual good-will, and make upon their pupils an unblurred impression of unity of aim and strict adherence to the principles of sound education. It is the good fortune of this school to have enjoyed the services of such instructors for many years, and it is the hope of the visitors that their ranks may remain unbroken for many years to come.

### GRADUATES.

Our first class was graduated in 1876, and numbered ten members. We have up to this time given diplomas to twenty-five classes, with an aggregate membership of four hundred. It has not been made a light and easy thing to

gain the honors of graduation at this school. One evidence of this may be found in the fact that, of these four hundred graduates, not one has failed to pass the teachers' examinations of the city of Worcester. This means, of course, careful sifting of our material, and it also means, in general, the survival of the fittest. While probably a few individuals have been rejected who might well have been included, and while with equal probability a few may have been approved who have since failed to show good claim to their diplomas, there is no doubt whatever that the great body of these graduates do honor to the school, and that the State has reaped great and lasting benefit to her public schools from the services of these four hundred selected and trained teachers. Many of them already fill places of exceptional responsibility in this and other States, while, so far as is known to us, not one has ever been dismissed from any position in disgrace. This fact, in the opinion of the visitors, is largely due to the sound moral instruction and the high moral tone which has always been a marked characteristic of this school.

It is, moreover, no slight cause for gratification that these graduates, almost without exception, retain for the school and its teachers the liveliest feelings of loyalty and gratitude. Every day brings friendly letters from them, and no week passes without visits from some of them. They have formed a graduates' association, not alone for social reunions, but also to promote a filial spirit towards the school, and to advance its interests.

#### STUDENTS.

The average age of those who apply for admission is slowly increasing, and their attainments are perceptibly improving year by year. The policy steadily maintained, of admitting only such as have the work of teaching seriously and immediately in view, serves to keep the school compact and homogeneous, as to the aim and purpose of its students. It is a normal school, and nothing else. It does not coquet with high-school or college work.

A considerable majority of the entering classes are high-school graduates, and not a few have had successful experience as teachers. They thus fall easily and naturally into our line of work, and readily imbibe the spirit of the school. The most casual visitor cannot fail to see that they are in earnest, and that they have a definite object in view. And it should be added that they play as heartily as they work. There is not only earnestness in their demeanor, but also and noticeably the freedom and light-heartedness proper to youth and health.

## ACKNOWLEDGMENTS.

Our warmest thanks are due to Gen. Francis A. Walker, who, at considerable personal inconvenience, honored the occasion of our anniversary with his presence, and gave us an interesting and valuable address.

The graduating classes, in their order, continue to enrich and beautify our halls with works of art. Friends, whose name are too numerous to mention here, have made many gifts to the school, such as books, pictures, plants and trees for the grounds, natural history specimens for the museum, etc., all of which are duly enumerated in our annual catalogue.

## STATISTICS FOR THE YEAR 1888-89.

## 1. Numbers : —

Number of pupils in the first term . . . . .	189
Number of pupils in the second term . . . . .	206
Whole number of pupils in attendance during the year . . . . .	245

## 2. Numbers in entering classes : —

In September, 1888 . . . . .	46
In January, 1889 . . . . .	21
Total . . . . .	67

## 3. Average age of pupils admitted : —

In September, 1888 . . . . .	19 years 9 months.
In January, 1889 . . . . .	18 years 10 months.

## 4. Of those admitted there were : —

From Worcester County . . . . .	58
From Franklin County . . . . .	2
From Middlesex County . . . . .	1
From New Hampshire . . . . .	4
From Vermont . . . . .	1
From Japan . . . . .	1
Total . . . . .	67

## 5. Occupations of pupils' parents : —

Professional . . . . .	1
Mercantile . . . . .	10
Skilled labor . . . . .	37
Unknown . . . . .	3
Total . . . . .	67

## 6. Numbers in graduating classes : —

In January, 1889 . . . . .	24
In June, 1889 . . . . .	16
Total . . . . .	40

## 7. Average age of graduates : —

In January, 1889 . . . . .	21 years 2 months.
In June . . . . .	21 years 4 months.

## 8. The library : —

Number of text-books added . . . . .	133 volumes.
Number of reference books added . . . . .	147 volumes.
Total additions . . . . .	280 volumes.
Number of text-books reported last year . . . . .	4,850 volumes.
Number added this year . . . . .	133 volumes.
Total . . . . .	4,983 volumes.
Worn out by use, . . . . .	63 volumes.
Number now in text-book library, . . . . .	4,920 volumes.
Number now in reference library, . . . . .	2,487 volumes.
Total . . . . .	7,407 volumes.

E. B. STODDARD,

A. P. STONE,

J. W. DICKINSON,

*Visitors.*



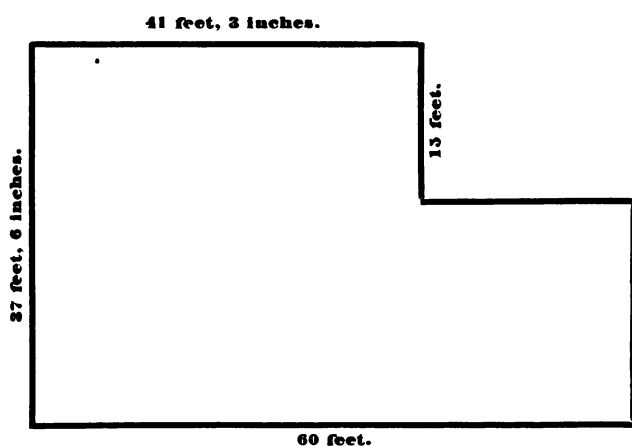
QUESTIONS USED AT THE ENTRANCE EXAMINATION (WRITTEN PART), FEB. 6 AND 7, 1890.

The questions are printed merely to indicate, in a general way, to those who may be preparing to enter the school, something of the standard required for admission.

School committees, teachers and others may receive copies of the examination questions regularly by applying to the principal.

**ARITHMETIC.**

1.



At 20 cents a cubic yard, what will it cost to dig a cellar 6 ft. deep of the form and size given in the above plan?

2. A sixty day note for \$500 is discounted at a bank at 6 per cent. ; what are the proceeds?
3. Which is the better investment, and how much better, — 4 per cent. bonds at 95 or 5 per cents at 115 ?

4. A contractor has 20 days in which to do a piece of work. He hires 30 men, who, after working 8 days, strike for higher wages, remaining idle 5 days and then returning to their work. But for the strike the work would have been done at the end of the 18th day. How many more men must the contractor hire in order to finish the work on time?
5. One-third of a number and one-half of one-third of the same number is 1890; what is the number?
6. Add  $\frac{\frac{4}{3}}{1\frac{1}{2}}$  to  $\frac{\frac{2}{3} \text{ of } 7\frac{1}{2}}{\frac{1}{3}}$ .
7. Choose one : —
  - (a) A ten-acre field is in the form of a square; how long a fence would just enclose it?
  - (b) If the earth were 8,000 miles in diameter, what would be the length of one degree measured on the equator?
  - (c) A tank 10 ft. in diameter and 10 feet high is half full of oil; allowing 5 cubic feet to a barrel, how many barrels of oil does it contain?
8. Choose two : —
  - (a) How many pounds in a long ton?
  - (b) How many feet in an acre?
  - (c) How many cubic feet in a bushel?
  - (d) How many gallons in a cubic foot?
9. Choose two of the following, and explain fully what they mean : —
  - (a) Insurance company.
  - (b) Joint and several note.
  - (c) Compound interest.
  - (d) Annuity.

**GRAMMAR.**

1. Write a sentence containing a substantive clause; one containing an adverbial clause.

2. What is the difference between a compound and a complex sentence? Illustrate.
3. Full many a gem of purest ray serene,  
The dark, unfathomed caves of ocean bear;  
Full many a flower is born to blush unseen,  
And waste its sweetness on the desert air.  
  
What kind of a sentence?  
Parse, *full, gem, waste*.
4. Correct : —  
The oldest of the two boys were sent to college.  
It is hard to fight those whom you know are in the right.  
Every one must judge of their own feelings.
5. To relieve the wretched was his pride.  
Give the subject and predicate; how is the predicate verb completed?
6. What parts of speech are inflected?
7. What purpose is served by these inflections?
8. Our task being completed, we returned home.  
Parse the nouns and pronouns in this sentence.
9. Write a sentence using *but* as a conjunction; one using *but* as a preposition; one using *but* as an adverb.

#### UNITED STATES HISTORY.

1. What colonies were most prosperous, and for what reasons?
  2. What were the occupations of the early settlers?
  3. Name five men whose names are oftenest mentioned in the first century of American history.
-

4. What parts of the United States are most interesting historically?
5. What is the Declaration of Independence?
6. In what direction, geographically, did the United States grow most rapidly after the Revolution?
7. What circumstances led to the publication of the Emancipation Proclamation?
8. What military experience had General Grant before he took command of the armies of the United States?
9. Tell, as nearly as you can remember, when Thomas Jefferson and Andrew Jackson were presidents.
10. How often is a new national House of Representatives elected?

#### GEOGRAPHY.

1. (a) What is the latitude of London?  
(b) What is the longitude of Boston?  
(c) In what direction from the south pole is Pekin?  
(d) Which is the shortest diameter of the earth?  
(e) In what direction does the earth rotate?
2. Why is it that places having the same latitude do not have the same climate?
3. Draw a rough map of South America, and locate on it the equator, Mt. Cotopaxi, the Rio de la Plata, Cape St. Roque, and Quito.
4. Give a short account of the surface, climate and government of the largest country in Europe.
5. Define: Axis, isothermal line, ocean current, monarchy, plateau.
6. Name an export from each of the following places: Havana, Birmingham, Belfast, Bordeaux, Foo-chow.

7. What is meant by "Eastern time?"
8. Draw a diagram illustrating the relative positions of the equator, tropics, polar circles, and ecliptic.
9. What educational institutions in this State are situated in the following places? Cambridge, Williamstown, Northampton, South Hadley, Amherst.

**SPELLING.**

- |                  |                 |
|------------------|-----------------|
| 1. maritime      | 21. euphony     |
| 2. narrative     | 22. mercantile  |
| 3. conscious     | 23. masquerade  |
| 4. vicissitude   | 24. menagerie   |
| 5. believe       | 25. pretentious |
| 6. Antarctic     | 26. calendar    |
| 7. Paraguay      | 27. concrete    |
| 8. infinitive    | 28. meridian    |
| 9. preposition   | 29. lightning   |
| 10. scandalize   | 30. lime-kiln   |
| 11. analysis     | 31. fuchsia     |
| 12. fulfilling   | 32. inflammable |
| 13. permissible  | 33. abhorrent   |
| 14. triennial    | 34. heresy      |
| 15. calisthenics | 35. abridging   |
| 16. ingratiate   | 36. baluster    |
| 17. perturbation | 37. befitting   |
| 18. conceive     | 38. banqueting  |
| 19. retrieve     | 39. inexorable  |
| 20. debatable    | 40. repetition  |

## GIFTS.

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The following gifts are gratefully acknowledged : —

From James Draper, Esq., nearly one hundred trees, shrubs and vines for planting in the school grounds.

From Miss Juliet Porter, Vol. I. of "Garden and Forest."

From Miss Marion C. Tucker, a copy of "The Other Side of War with the Army of the Potomac," by Katherine Prescott Wormeley.

From Miss Ellen M. Haskell, a copy of "The Study of Sociology," by Herbert Spencer.

From Mr. Edwin D. McFarland, a war-club from the Fiji Islands.

From Mr. F. W. Harrington, a copy of "The Album Souvenir of Worcester."

From Hon. Edward L. Davis, three photographs of the tower at Lake Park, and views from its summit.

From Mr. George Coult, skins of a sea gull and a red-breasted nuthatch.

From the Worcester Free Public Library, a copy of the supplement to its last catalogue.

From Mr. Toshihide Shinoda, specimens of bamboo leaves from Japan.

From the twenty-sixth class of graduates, a copy of the report of its class supper.

---

From Miss Mary I. Schultz, a pair of doves.

From Mrs. Penelope T. Comins, a hundred cuttings of *Ampelopsis quinquefolia* for the school grounds.

From Miss Mary C. O'Connor, thirteen cabinet specimens of ornamental woods used in the arts.

From A. P. Marble, Ph.D., more than thirty pressed and mounted specimens of the flora of Oregon.

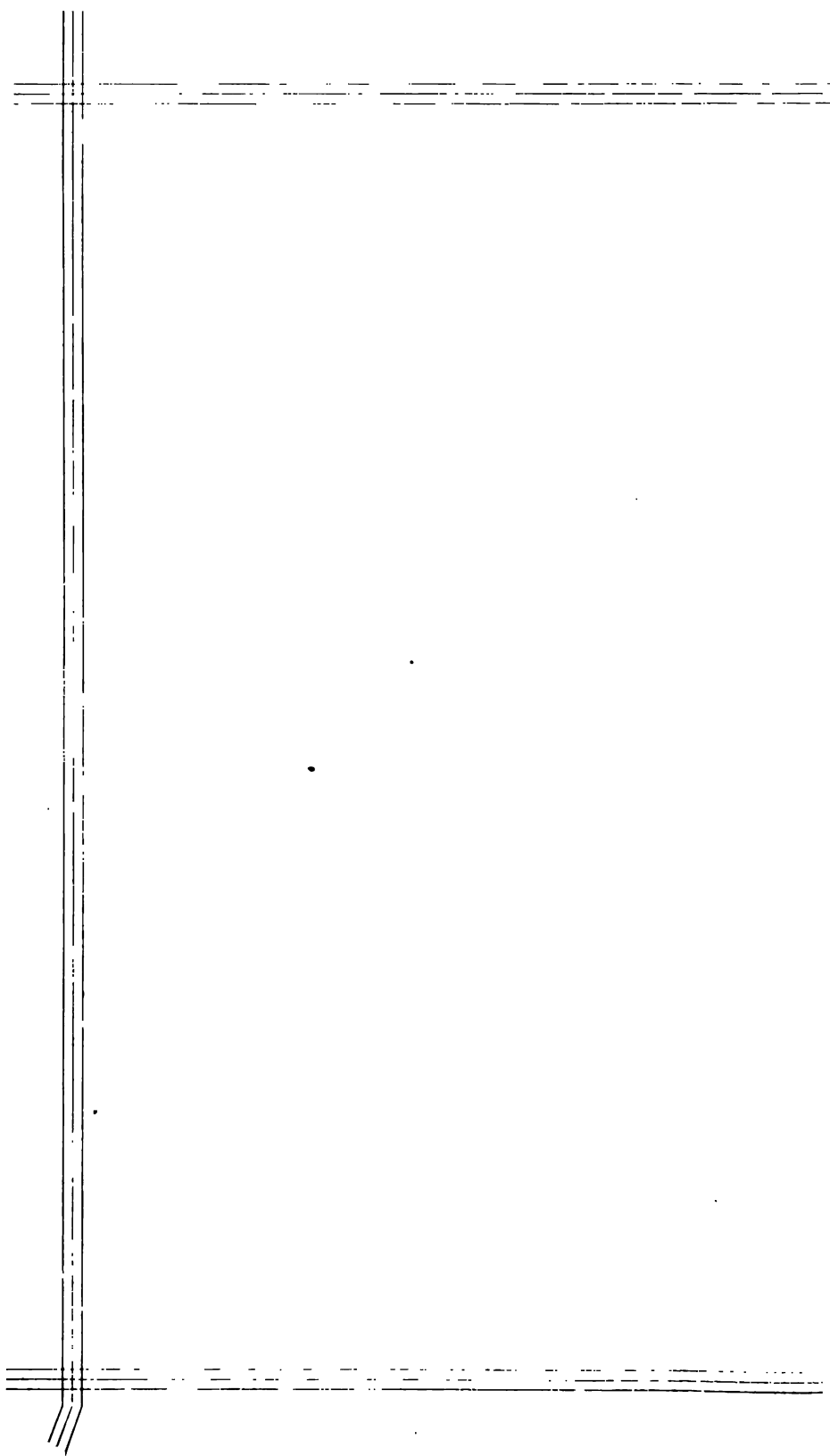
From Hon. George F. Hoar, valuable seeds for the school grounds

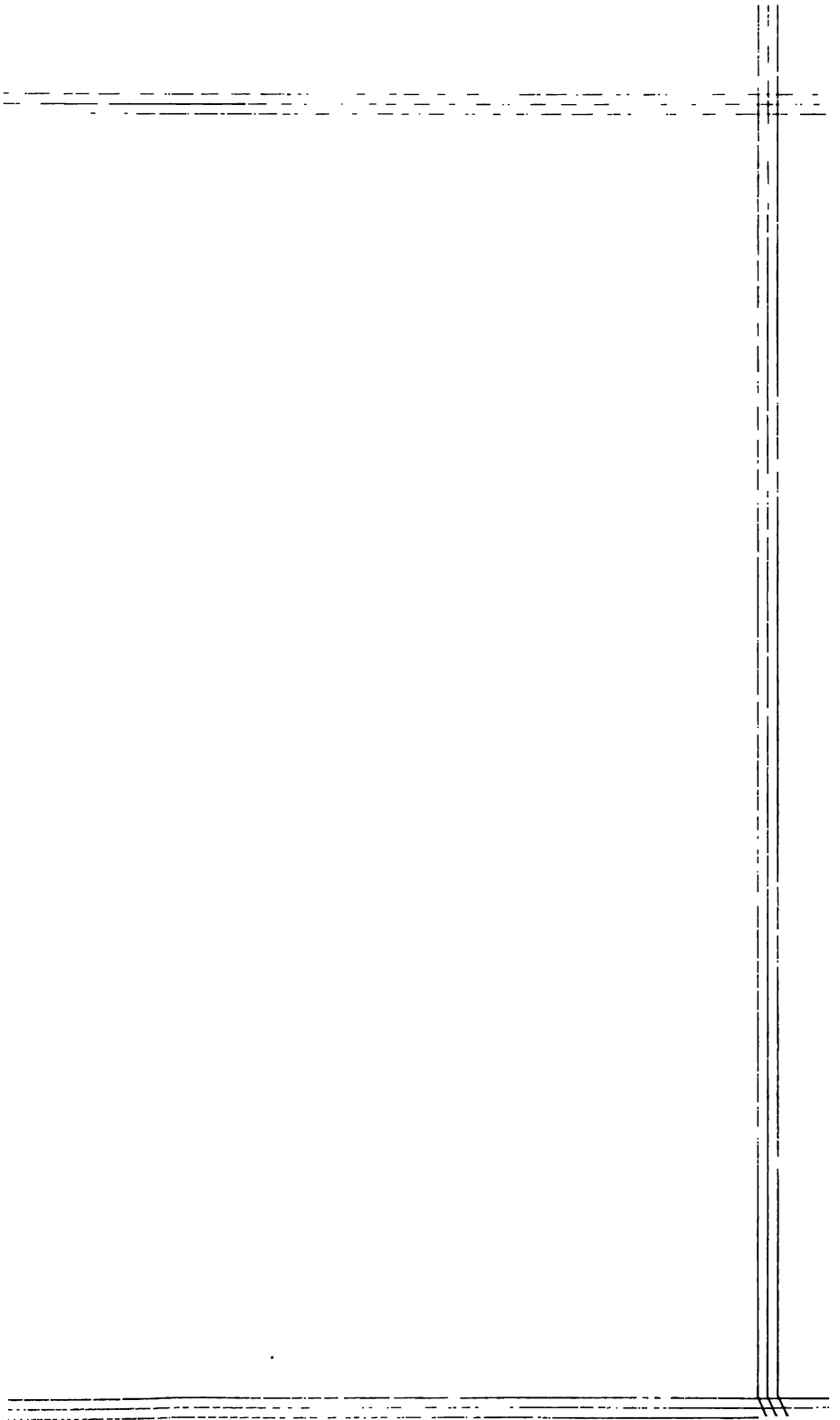
From Dr. and Mrs. Nathan A. Cobb, twelve species of Australian seeds for the school collection.

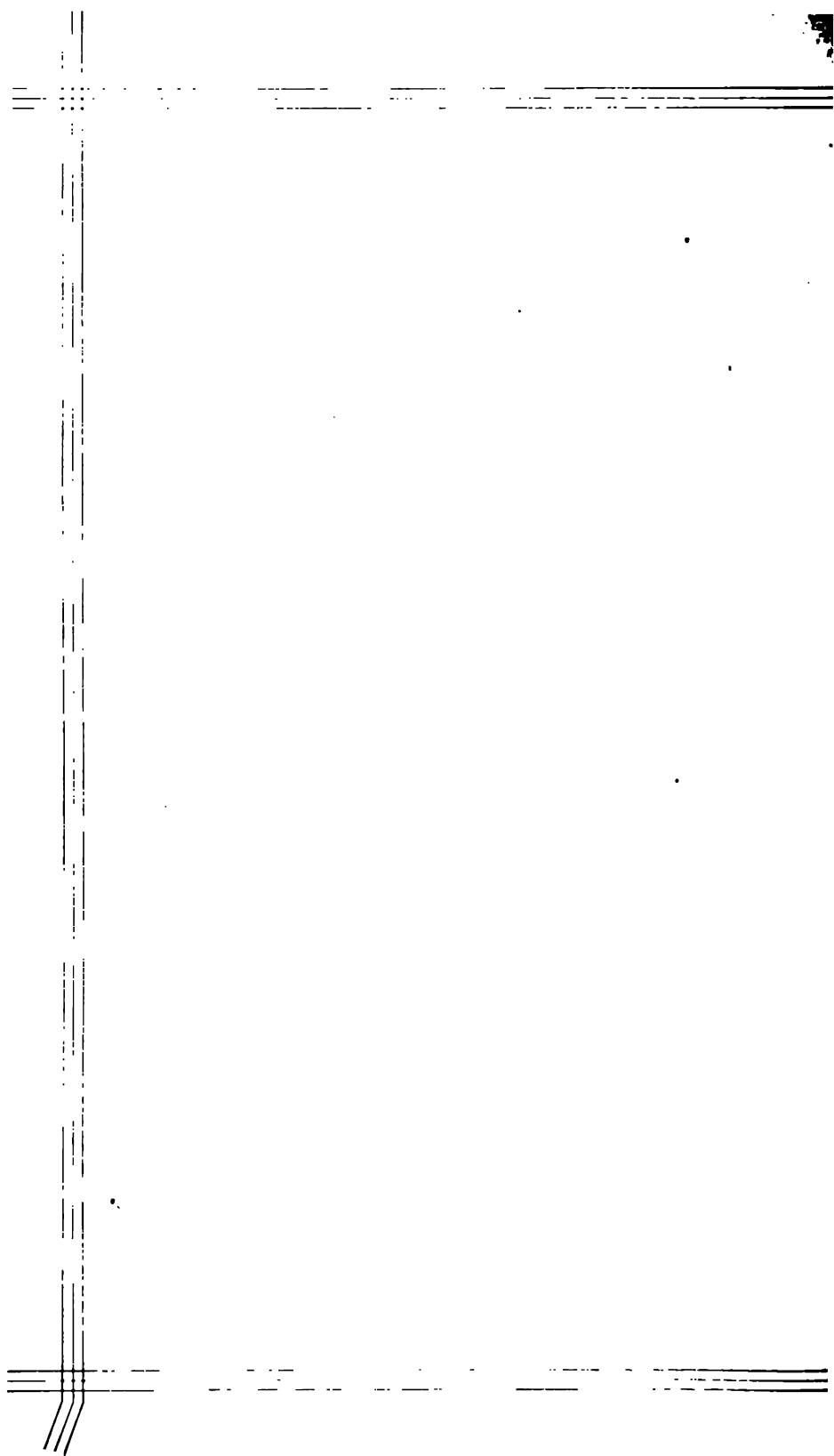
ANNIVERSARY ADDRESSES HAVE BEEN GIVEN BY THE  
FOLLOWING PERSONS.

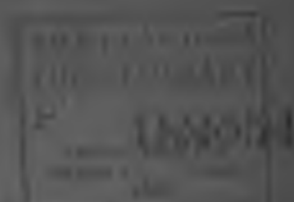
- In 1877, by William T. Harris, LL.D., of St. Louis.
- In 1878, by Rev. Thomas Hill, D.D., of Portland, Me.
- In 1879, by Alexander H. Rice, LL.D., of Boston.
- In 1880, by Mrs. Julia Ward Howe of Boston.
- In 1881, by Rev. Francis Tiffany of West Newton.
- In 1882, by Hon. James W. Patterson, LL.D., of Hanover, N. H.
- In 1883, by Mrs. Ednah D. Cheney of Boston.
- In 1884, by Prof. G. Stanley Hall, Ph.D., of Baltimore.
- In 1885, by Prof. Albert Harkness, LL.D., of Providence, R. I. .
- In 1886, by Charles Dudley Warner of Hartford, Conn.
- In 1887, by Edward S. Morse, Ph.D., of Salem.
- In 1888, by John Fiske of Cambridge.
- In 1889, by Francis A. Walker, LL.D., of Boston.











MASSACHUSETTS

STATE NORMAL SCHOOL

AT WORCESTER.

1891

84

10

PUBLISHED BY THE  
U.S. GOVERNMENT PRINTING OFFICE



1911

1912

1913



1914





MASSACHUSETTS  
STATE NORMAL SCHOOL  
AT WORCESTER.

CATALOGUE AND CIRCULAR

SEVENTEENTH YEAR, 1891.



BOSTON :  
WRIGHT & POTTER PRINTING CO., STATE PRINTERS,  
18 POST OFFICE SQUARE.  
1891.

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# STATE BOARD OF EDUCATION.

ESTABLISHED IN 1837.

## Ex Officio :

HIS EXCELLENCY WILLIAM E. RUSSELL, CAMBRIDGE.

HIS HONOR WILLIAM H. HAILE, SPRINGFIELD.

## By Appointment :

	TERM EXPIRES.
ELIJAH B. STODDARD, . . . Worcester, . . .	May 25, 1892.
ALONZO A. MINER, . . . Boston, . . .	May 25, 1893.
MRS. ALICE FREEMAN PALMER, Cambridge, . . .	May 25, 1894.
ADMIRAL P. STONE, . . . Springfield, . . .	May 25, 1895.
MRS. KATE GANNETT WELLS, . Boston, . . .	May 25, 1896.
MILTON B. WHITNEY, . . . Westfield, . . .	May 25, 1897.
GEORGE I. ALDRICH, . . . Quincy, . . .	May 25, 1898.
ELMER H. CAPEN, . . . Medford, . . .	May 25, 1899.

## SECRETARY.

JOHN W. DICKINSON, . . . . . Newton.

## ASSISTANT SECRETARY AND TREASURER.

C. B. TILLINGHAST, . . . . . Boston.

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JOHN T. PRINCE, . . . . .	Newtonville.
ANDREW W. EDSON, . . . . .	Worcester.
G. T. FLETCHER, . . . . .	Northampton.
HENRY T. BAILEY, . . . . .	North Scituate.

Vacations and Holidays marked by Full-face Figures.

◀1891.▶							◀1892.▶						
JULY.							JANUARY.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
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5	6	7	8	9	10	11	3	4	5	6	7	8	9
12	13	14	15	16	17	18	10	11	12	13	14	15	16
19	20	21	22	23	24	25	17	18	19	20	21	22	23
26	27	28	29	30	31	--	24	25	26	27	28	29	30
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AUGUST.							FEBRUARY.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
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9	10	11	12	13	14	15	14	15	16	17	18	19	20
16	17	18	19	20	21	22	21	22	23	24	25	26	27
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30	31	--	--	--	--	--	--	--	--	--	--	--	--
SEPTEMBER.							MARCH.						
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20	21	22	23	24	25	26	20	21	22	23	24	25	26
27	28	29	30	--	--	--	27	28	29	30	31	--	--
OCTOBER.							APRIL.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
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11	12	13	14	15	16	17	10	11	12	13	14	15	16
18	19	20	21	22	23	24	17	18	19	20	21	22	23
25	26	27	28	29	30	31	24	25	26	27	28	29	30
NOVEMBER.							MAY.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
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15	16	17	18	19	20	21	15	16	17	18	19	20	21
22	23	24	25	26	27	28	22	23	24	25	26	27	28
29	30	--	--	--	--	--	29	30	31	--	--	--	--
DECEMBER.							JUNE.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
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20	21	22	23	24	25	26	19	20	21	22	23	24	25
27	28	29	30	31	--	--	26	27	28	29	30	--	--

# THE CALENDAR.

(SEE OPPOSITE PAGE.)

EIGHTEENTH SCHOOL YEAR, 1891-92.

## FIRST (FALL) TERM, 1891.

September 10, Thursday, . . . . .	Entrance examination begins.
October 28, Wednesday, . . . . .	Autumn Arbor Day.
November 23 to December 1, . . . . .	Mid-term recess.
December 25, Friday, . . . . .	Christmas.
Jan. 1, 1892, Friday, . . . . .	New Year's Day.
Jan. 28, 1892, Thursday, . . . . .	First term ends.

WINTER VACATION, ONE WEEK.

## SECOND (SPRING) TERM, 1892.

February 4, Thursday, . . . . .	Entrance examination begins.
April 7, Thursday, . . . . .	Fast Day.
April 18 to April 26, . . . . .	Mid-term recess.
April 27, Wednesday, . . . . .	Spring Arbor Day.
May 30, Monday, . . . . .	Memorial Day.
June 23, Thursday, . . . . .	School year ends.

SUMMER VACATION, ELEVEN WEEKS.

Nineteenth school year (1892-93) begins with entrance examination on Thursday, Sept. 8, 1892.

## SPECIAL NOTICE.

Entrance examinations occur twice a year, at the beginning of each term, — *and at no other time.*

Exercises of graduation occur once a year only, — namely, on the last day of the summer term, — and are always open to the public.

There is no session of the school on Monday. On other days the hours are from nine o'clock to four, with an intermission of an hour at noon.

Communications may be addressed to the principal, 184 Lincoln Street, or to Hon. E. B. Stoddard, 15 Ashland Street.

## TEACHERS.

E. HARLOW RUSSELL, *Principal.*

MISS REBECCA JONES.

CHARLES F. ADAMS.

MISS JULIET PORTER.

HENRY W. BROWN.

MISS HELEN F. MARSH.

MISS ELLEN M. HASKELL.

MRS. MARION J. SUMNER.

MISS ARABELLA H. TUCKER.

## ADDRESSES.

The school has been favored with addresses during the year by the following persons : —

MRS. ALICE FREEMAN PALMER

(*Anniversary address*).

ANDREW W. EDSON, A.M.

REV. A. D. MAYO.

MR. JOHN ALBEE.

MISS SARA E. WILTSE.

JOHN T. PRINCE, PH.D.

HON. JOHN W. DICKINSON.

FRANZ BOAS, PH.D.

REV. A. A. MINER, D.D.

A. P. STONE, LL.D.

JOHN CRON, . . . . . *Janitor.*

## STUDENTS.

### PURSUING POST-GRADUATE STUDIES.

N. B. — Students whose names are marked with (A) have, besides passing through the regular course of study, served for a half-year as apprentices (see p. 15) in the public schools of the city of Worcester.

Jennie Maria Fairbanks . . . . .	<i>Holden.</i>
Mrs. Winslow S. Lincoln . . . . .	<i>Worcester.</i>
Amy Murray (A) . . . . .	<i>Worcester.</i>
Rupert Henry Murray . . . . .	<i>Worcester.</i>
Kate Evans Parker (A) . . . . .	<i>Worcester.</i>
Mary Catherine O'Connor (A) . . . . .	<i>Worcester.</i>
Elizabeth Adelaide Potter . . . . .	<i>Southbridge.</i>

### FIRST CLASS, JANUARY, 1891.

Henrietta Maria Ager (A) . . . . .	<i>Worcester.</i>
Agnes Maria Blanchard . . . . .	<i>Harcord.</i>
Jennie Frances Brennan (A) . . . . .	<i>Worcester.</i>
Edith Minetta Brown (A) . . . . .	<i>Worcester.</i>
Huldah Jane Gibson . . . . .	<i>South Boston.</i>
Sarah Alice Hopwood (A) . . . . .	<i>Worcester.</i>
Fanny Maud Joy (A) . . . . .	<i>Manchester, N. H.</i>
Helen Maria King (A) . . . . .	<i>Worcester.</i>
Mary Bigelow Knowlton . . . . .	<i>Westborough.</i>
Rosa Helena Mahan (A) . . . . .	<i>Worcester.</i>
Agnes McMahon (A) . . . . .	<i>Worcester.</i>
Edith Gertrude Newton . . . . .	<i>Westminster.</i>
Mary Brown Porter (A) . . . . .	<i>Louisville, Ky.</i>
Nellie Jane Wattle (A) . . . . .	<i>Worcester.</i>
Catherine Rachel Wheatley (A) . . . . .	<i>Worcester.</i>
Alice Gertrude Whitcomb . . . . .	<i>Worcester.</i>

### FIRST CLASS, JUNE, 1891.

Ella Louise Brown . . . . .	<i>Worcester.</i>
Elizabeth Amanda Rice Daniels . . . . .	<i>Greenfield.</i>
Marion Frances Dexter (A) . . . . .	<i>Franconia, N. H.</i>
Nellie Gertrude Donovan (A) . . . . .	<i>Worcester.</i>
Theresa Veronica Dowd (A) . . . . .	<i>Worcester.</i>
Emma Alice Gardner (A) . . . . .	<i>Worcester.</i>
Agnes Gertrude Garvey (A) . . . . .	<i>Worcester.</i>



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Mabel Howard Goodale (A)	Leominster.
Agnes Theresa Healey (A)	Whitinsville.
Mary Ignatia Healy (A)	Worcester.
Florence Louise Johnson (A)	Worcester.
Teresa Mary Larkin	Worcester.
Catherine Maria McHugh (A)	Worcester.
Marietta McNulty (A)	Worcester.
Mabel Dora Morrison	Worcester.
Georgiana May O'Connor (A)	Worcester.
Helen Louise Osborn (A)	Worcester.
Belle Frances Phelon	Worcester.
Grace Platt (A)	Newfane, Vt.
Mary Elizabeth Riddler (A)	Worcester.
Bertha Maria Stone (A)	Auburn.
Nellie Thurston	Worcester.
Eleanor Cornelia Torrey	Dorset, Vt.
Mary Reed Townsend (A)	Lexington.
Eva Leolan Truscott (A)	Worcester.
Grace Woodbury	Oxford.

## APPRENTICES.

Sarah Emma Barrett	Barre.
Addie May Blanchard	Uxbridge.
Mabel Rice Brooks	Ashby.
Elizabeth Loretta Carmody	Worcester.
Anna Pauline Cummings	Worcester.
Kate May Currier	Whitinsville.
Flora Mabel Desper	Barre.
Rose Gertrude Doherty	Worcester.
Annie Edith Goldthwait	Uxbridge.
Alice Christina Heaphy	Worcester.
Julia Annie Hill	Charlstonon.
Mary Leathers	Barre.
Louisa Christina Lof	Worcester.
Abigail Frary Newton	Greenfield.
Mary Harrington Perry	Auburn.
Katharine Sayle	Worcester.
Katie Frances Simonds	Ashby.
Mary Grace Stalker	Worcester.
Sarah Carr Wilder	Spencer.
Lura Augusta Wiley	Hardwick.

## SECOND CLASS.

Serena Bell Adams	Stockbridge.
Margaret Eleanor Ayers	Shrewsbury.
Saraetta Ballou	Uxbridge.

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Nina Frances Blanchard . . . . .	Worcester.
Margaret Esther Callahan . . . . .	Millbury.
Ellen Agnes Courtney . . . . .	Worcester.
Mary Frances Crane . . . . .	Worcester.
Margaret Loretta Cunningham . . . . .	Worcester.
Annie Curran . . . . .	Grafton.
Mary Ursula Day . . . . .	Worcester.
Effie Blanche Draper . . . . .	Worcester.
Emily Frances Fagan . . . . .	Webster.
Emma Elizabeth Greene . . . . .	Worcester.
Elizabeth Anna Hagerty . . . . .	Worcester.
Delia Madge Hale . . . . .	Grafton.
Mary Julia Haas . . . . .	Shrewsbury.
Myrtis Isabel Kirby . . . . .	Paston.
Ella LeBeau . . . . .	Fall River.
Anna Maria Littlefield . . . . .	Worcester.
Catherine Louise McQuaid . . . . .	Worcester.
Cora Lillis Morse . . . . .	Worcester.
Rebecca Louise Nield . . . . .	Millbury.
Anne Morris Paine . . . . .	Worcester.
Annie Belle Parker . . . . .	Worcester.
Martha Evelline Peck . . . . .	Roxe.
Emily Beverly Pellet . . . . .	Worcester.
Effie Rilla Putnam . . . . .	West Sutton.
Emma May Rawson . . . . .	Worcester.
Philip Russell . . . . .	Worcester.
Ida Louise Stevens . . . . .	Worcester.
Mildred Vincent . . . . .	Charlton City.

## THIRD CLASS.

Grace Lyon Backus . . . . .	Chaplin, Conn.
Margaret Teresa Brown . . . . .	Millbury.
Annie Elizabeth Clancy . . . . .	Worcester.
Mary Catherine Clarke . . . . .	Worcester.
Mary Elizabeth Cody . . . . .	Worcester.
Mattie Ellis Coffin . . . . .	Hubbardston.
Anna Elizabeth Conlon . . . . .	Worcester.
Joanna Teresa Daly . . . . .	Worcester.
Mary Elizabeth Davidson . . . . .	Millbury.
Cornelia Vinson Davis . . . . .	Worcester.
Cora Lena Dawes . . . . .	Leicester.
Alice Louise Day . . . . .	Worcester.
Alice Mary Day . . . . .	Worcester.
Nellie Maria Devlin . . . . .	Worcester.
Isabella Gertrude Diggins . . . . .	Worcester.

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Margaret Agnes Donnelly . . . . .	Worcester.
Mary Eloise Hardy . . . . .	Worcester.
Anna Tracy Hickey . . . . .	Worcester.
Mary Abbott Holt . . . . .	Norway, Me.
Bertha Josephine Hopkins . . . . .	Worcester.
Gertrude Idella Johnson . . . . .	Stratford, N. H.
Rose Eva Keenan . . . . .	Stoneham.
Mary Alice Loring . . . . .	Westborough.
Grace Lucy Marcy . . . . .	Auburn.
Mary Agnes Maroney . . . . .	Worcester.
Julia Agnes Mary McCabe . . . . .	Oxford.
Elizabeth Bernard McCourt . . . . .	Worcester.
Ellen Teresa McGillicuddy . . . . .	Worcester.
Catherine Regan . . . . .	West Gardner.
Mary Ida Schultz . . . . .	Worcester.
Mary Louise Scott . . . . .	Worcester.
Margaret Blanche Toole . . . . .	Worcester.
Minnie Laette Upham . . . . .	Gardner.
Ethel Maria Woods . . . . .	Worcester.

## FOURTH CLASS.

Ada Eudora Aldrich . . . . .	Worcester.
Mary Etta Brooks . . . . .	Worcester.
Mabel Little Baldwin . . . . .	Andover, N. H.
Abigail Elizabeth Callahan . . . . .	Millbury.
Kate Luthera Chapin . . . . .	Worcester.
Genevieve Bernardine Convery . . . . .	Worcester.
Catherine Theresa Degnan . . . . .	Worcester.
Agnes Gertrude Duggan . . . . .	Worcester.
Anna Maria Dwyer . . . . .	Leyden.
Florence Rebecca Alberta Fairfield . . . . .	West Boylston.
Florence Alice Fassett . . . . .	Guildhall, Vt.
Margaret Elizabeth Flynn . . . . .	Worcester.
Harriet Adelaide Foley . . . . .	Worcester.
Grace Lenora Geer . . . . .	Worcester.
Annie Maud Gibbs . . . . .	Biddeford, Me.
Annie Matilda Harrington . . . . .	Paxton.
Olive Isabel Harris . . . . .	Worcester.
Grace Agnes Hutchins . . . . .	Templeton.
Clara Gertrude Lawrence . . . . .	Worcester.
Amanda Murray McDonald . . . . .	Worcester.
Emma Frances McDonald . . . . .	Worcester.
Hannah Elizabeth Mulcahy . . . . .	Sturting.
Louie Calista Mullet . . . . .	Brookfield.
Gertrude Ethel Muzzy . . . . .	West Milan, N. H.

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Mary Ellen Camilla O'Connell . . . . .	Worcester.
Helen Austina O'Gorman . . . . .	Worcester.
Mabel Ellsworth Osgood . . . . .	Barre.
Mary Emma Parrot . . . . .	Worcester.
Mary Gertrude Perry . . . . .	Sutton.
Grace Bangs Sawin . . . . .	Athol.
Estella Alice Vaughan . . . . .	Prescott.
Eva Rosa Waite . . . . .	Worcester.
Alice Endora Welch . . . . .	Worcester.
Winifred Agnes Wheelock . . . . .	Leicester.
Ina Adelaide Whitman . . . . .	Marlborough.
Lucy Addie Whitney . . . . .	Worcester.

## SUMMARY OF NUMBERS.

Post-Graduates . . . . .	7
First Class, January, 1891 . . . . .	16
First Class, June, 1891 . . . . .	26
Apprentices . . . . .	20
Second Class . . . . .	31
Third Class . . . . .	34
Fourth Class . . . . .	36
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Number of different pupils in attendance for the year 1890-91 . . . . .	170

## CIRCULAR OF INFORMATION.

### HISTORICAL SKETCH.

The following extract, from the thirty-seventh annual report (1872-73) of the Board of Education, gives in outline a history of the establishment of this school : —

By the terms of a Resolve which went into effect on the twenty-fifth day of June, 1871, the Board of Education were authorized and required to establish a State Normal School in the city of Worcester; and the trustees of the Worcester Lunatic Hospital were authorized and required to convey to the Board of Education and its successors a tract of land of not more than five acres, to be located by the Governor and Council, within certain limits fixed in the Resolve. An appropriation of sixty thousand dollars was made, upon condition that the city of Worcester should pay the Board of Education for the purposes named in the Resolve the sum of fifteen thousand dollars. This condition was promptly complied with. The tract was located by the Governor and Council Sept. 2, 1871; and on the nineteenth day of September, 1871, the conveyance was made by the trustees of the hospital to the Board of Education and its successors in trust, as directed.

The tract of land located is upon Hospital Hill in Hospital Grove (formerly so called), within a short distance of the new Union Depot now in process of erection, — a point at which, when the railroad arrangements now in progress shall be completed, pupils residing on the line of either of the roads leading into the city of Worcester can arrive in season for the commencement of school each day, and take the cars to return after the school exercises are finished.

The exercises of dedication took place on Friday, Sept. 11, 1874; and on the following Tuesday (September 15) the school was opened to pupils.

### DESCRIPTION OF THE BUILDING.

The building is a large, three-story, massive structure, built of stone taken from the hill upon which it stands. Its position allows an extensive view of Worcester and its surroundings. From the front

steps one looks down through clumps of trees, over the city lying spread within an inner circle of rolling country. The site, moreover, has all the advantages that light and air can give it. Though situated upon the outskirts of Worcester, it is not more than twenty minutes' walk from the Union Depot, wherein centre the various lines of railroad by which a large proportion of the pupils come in daily from their homes.

In its interior arrangement the building is spacious and well fitted to the educational needs of the school. On the first floor is a large corridor, running the entire length of the building, and connecting the two entrances. On one side is a laboratory, and a room containing a well-equipped work-bench, and a carefully chosen collection of specimens specially illustrative of the work in natural science carried on in the adjoining room. On the other side is a lunch room, provided with tables and hot closets, — the place of rendezvous for probably seven-eighths of the pupils every day between the hours of twelve and one. In addition there are, on this floor, unusually large and commodious dressing-rooms. On the second story is the teachers' room, and from it a door opening upon the platform of the hall, — a room of exceptional dimensions, amply lighted, and well set off with busts of eminent men, and with pictures, for the most part gifts of past Graduating classes. On the sides are shelves containing carefully selected books of well recognized value. The hall has several entrances, and it communicates directly with three recitation-rooms. Over against the entrance to the teachers' room is a room set apart and arranged for the comfort of such pupils as are taken ill, or in any way feel indisposed during school hours. Between the second and third floors there is a half-story containing class-rooms, and above this is a well-stocked model-room and the drawing-room, besides other spacious rooms intended, though not all at present used, for class-rooms. The building is heated by hot air as well as by steam. Special attention has been paid to ventilation, and to all that can tend to add to the health, comfort and best interests of the pupils.

#### AIM AND PURPOSE OF THE SCHOOL.

The Board of Education, by a vote passed May 6, 1880, stated the design of the school, and the course of studies for the State Normal School, as follows : —

The design of the normal school is strictly professional; that is, to prepare in the best possible manner the pupils for the work of organizing, governing and teaching the public schools of the Commonwealth.

To this end there must be the most thorough knowledge, first, of the branches of learning required to be taught in the schools; second, of the best methods of teaching these branches; and third, of right mental training.

The time of one course extends through a period of two years, of the other through a period of four years, and is divided into terms of twenty weeks each, with daily sessions of not less than five days each week.

### STUDIES.

#### TWO YEARS' COURSE.

Arithmetic, algebra, geometry, book-keeping.

Physics, astronomy, chemistry.

Physiology, botany, zoölogy, mineralogy, geology, geography.

Language, reading, orthography, etymology, grammar, rhetoric, literature, composition.

Penmanship, drawing, vocal music, gymnastics.

Psychology, science of education and art of teaching, school organization, history of education.

Civil polity of Massachusetts and of the United States, history, school laws of Massachusetts.

#### FOUR YEARS' COURSE.

In addition to the studies named above, the four years' course includes advanced algebra and geometry, trigonometry and surveying.

Advanced chemistry, physics and botany.

Drawing, English literature, general history.

Latin and French required; German and Greek as the principal and visitors of the school shall decide.

The visitors, at the request of the principal of the Worcester school, may have authority to substitute German for French, as they think the interests of the school from time to time demand.

The above is an enumeration of the studies. The order of the studies in the course is determined by the principal of each school, with the approval of the visitors of that school.

It needs to be stated that, while the foregoing list of subjects marks out the field covered in the school curriculum, it gives no adequate idea of the actual work done. It is made a special aim to seize every opportunity to give the pupils the benefit of whatever ends to fit them for the work of teaching. The spirit of this

endeavor pervades the whole school. It influences the mode and character of most of the exercises, and imparts to the whole work a tone and zest difficult to describe, but which determines whatever of distinct character the normal school possesses.

### APPRENTICESHIP.

In addition to the work of the study and the class-room, systematic observation of schools and actual practice in teaching, under the joint supervision of the city superintendent of schools and the faculty of the normal school, constitute an important element in our course of training.

The general character of what is known in this school as the "apprenticeship" is this: The student, after three terms, or a year and a half, in the normal school, is allowed to go into one of the public schools of the city of Worcester to serve as assistant to the teacher of that school; to take part in the instruction, management and general work of teaching, under the direction of the teacher; and even to act as a substitute for the teacher for an hour, a half-day or a day, at the discretion of the latter and with the approval of the superintendent. One student only at a time is assigned to any one teacher; but each student serves in at least three grades of schools in the course of his term of service, the duration of which is six months, or half a school year. After finishing his apprenticeship the student resumes his course at the normal school, spending another half-year there before receiving his diploma.

During the period of apprenticeship four days of each week are devoted exclusively to it by those employed in the work. One day of the week (Wednesday) is spent by them in the normal school, where they are employed, not in the ordinary study and work of the institution, but in the following manner:—

They hold such consultation with the teachers of the school, and make such use of books, as may be most helpful to them in their immediate work as apprentices.

They make informal statements to the school of such facts of their experience as may be of advantage to the other students to hear,—concerning ways of teaching, cases of discipline and the like,—keeping in mind always the private character of the daily life of the



school-room, and under special warning against revelations that might seem objectionable.

Each apprentice keeps a diary of the occupation and experience of every day's service, and this record is inspected by the faculty of the normal school. He also makes out a report at the end of his term, in which he gives his own estimate of his success in his work.

The following are specimen entries selected from several diaries during the present year:—

**MONDAY (Grade II.).**—This morning, during the reading lesson of the first class, mention was made of "our four-footed friends." My teacher questioned the pupils about the meaning of the phrase, and found that many pupils in the other two classes were giving their attention also. Seeing so many interested, she then and there gave an animal-lesson to the whole school on the cow. During the lesson she said that the cow's hair was used in mortar. The boys seemed greatly interested in this fact.

This afternoon Miss — brought to school some orange blossoms and moss that were sent to her from Florida. She held up the moss so that the children might see it, and before she had said a single word several boys shouted, "cow's hair." Afterwards she passed the orange blossoms around the school so that the children might smell of them. I think the pupils liked this break in the regular programme very much, and were more orderly for a time afterwards.

**TUESDAY (Grade II.).**—I was interested to-day to watch the nods and gestures some of the boys were making to Willie, our little cripple, during a reading lesson we had in the hall. The pupils were standing, and there was but one chair in the hall. That chair I had given to Willie yesterday, but to-day I wondered what the gestures meant, and thought I would wait a moment. Finally, John walked across the room and brought the chair over to Willie, who sat on it at once. The other boys looked satisfied, and did not notice Willie any more during the lesson. I have also noticed that Fanny, a child sitting near this boy, often keeps the place for him during a reading lesson.

**WEDNESDAY (at the normal school).**—One thing that I appreciate on Wednesday is having access to so many books and magazines.

A book that I have been especially interested in to-day is "Wild Flowers and Where They Grow," by Amanda B. Harris.

It is very pleasant to meet and talk with the other apprentices. They can enter into the failures and successes of the apprenticeship better than any one else. I always get helpful suggestions from the other girls.

One person said that in language, to teach the plurals of words that are formed irregularly, she told a story, using the words in the singular form

and asking the children to give her the sentence, using the word for more than one. If the teacher gave this, "The cat caught a mouse," she might say, "I know of a cat that caught more than one. Now tell me about it."

THURSDAY (Grade I.). — This morning, when I was alone with the school, one of the girls began to cry. She cried very hard and I asked her to come to me and tell me what the trouble was. She said she wanted to see her mamma. I did not think best to let her go home, so I told her that it would soon be noon, and that she might stand beside me. She became interested in the reading lesson I was giving and stopped crying.

For a plant lesson I talked about leaves with the children. I gave each a leaf and let them place it on their slates and outline it.

FRIDAY (Grade III.). — I have noticed for the last few days that the animals I have given lessons on have been ones upon which the children have had lessons in the second grade. In telling stories about the animal in question I have happened to tell two which were told them last year. So for to-day I thought I would get something entirely new. I chose the earth-worm. Before school this morning, I dug up several and brought them to school. When the time for the lesson came I showed the box I had the worms in and asked them to guess what was in it. Nobody guessed right. When I told them they seemed surprised and also seemed to be interested. I was surprised at all they knew about them. Miss — told me afterwards that she too was surprised. When the lesson was nearly finished I asked, "How many would like to look at the worms through a microscope?" Every hand was raised, so I let them take turns in looking through it. I did not like to handle the worms, but I did, for I did not want the children to see that I disliked to. To me this was the most interesting animal lesson I have given, and I think the children liked it too.

The apprenticeship is designed to give the student practical acquaintance with the work of teaching, and training in that work. It is founded in the conviction that, whether education be a science or not, teaching in the public schools of Massachusetts is an art, — an art to the successful practice of which there is need of some initiation under the guidance of experience and skill; an initiation akin to that which an apprentice passes through in learning his trade.

A secondary purpose is to furnish the faculty of the normal school with more full and satisfactory data for their estimate of the teaching ability of students. How the recruits will behave under fire cannot be determined by drill in the manual, or by dress parade. The apprenticeship goes far toward answering the important question. The apprentice is visited by the faculty of the normal school while engaged in his work, and is carefully observed and assisted by

suggestions. The teacher of each school in which he has served makes out a report in the following form:—

[STATE NORMAL SCHOOL AT WORCESTER.]

Report of the apprentice-work of .....

Grade ..... Street School.

Time from ..... to.....

Scale, 10. — Use no fractions.

No. of Absences.	No. of Tardinesses.	Power of Control.	Power of Interesting.	Skill in Question- ing.	Skill in Ex- plaining and Illustrating.	Enthusiasm.	Bear- ing.

1. What traits of excellence (if any) have been shown in teaching or management?
2. What weakness or deficiency?

[Signature]

The additional six months of preparation required by the system under consideration secure to the student greater maturity of body and mind. The need of such maturity is apparent in the case of the majority of those who enter upon the work of teaching.

That the object of the apprenticeship is attainable by the plan adopted is not merely probable, but is already matter of experience. The method, although believed to be new in this country, is not in itself a thing new or untried.

The German system of public education requires of the candidate for the office of teacher a season of service under direction, of probation under supervision, the essential elements of which are embodied in this apprenticeship. Something like it also prevails extensively in England.

Moreover, the method is simply the extension of one that was for five years in successful operation in this school. The students are found to derive from their experience a fresh interest in their chosen work. They realize the practical bearings of the principles and methods they have studied ; they acquire the " courage of having done the thing before ; " they test their remedies for the school diseases of inattention, disobedience and the like, by trial on actual patients ; they acquire skill that is of vast moment to them at the critical period when they take charge, as teachers, of their first school.

It is no small evidence of good results that the school board of the city of Worcester heartily approve the system, on the ground of the benefit accruing indirectly to the city schools, through the greater fitness of the apprentices to become teachers.

As the student of the normal school who passes successfully through the period of apprenticeship receives a certificate of the fact in connection with his diploma at graduation, the extra time required for the experience must in almost every case be more than made good by the greater probability of securing a position, and the greater likelihood of success at the outset of the teacher's career.

There are, however, individuals in the school for whom it is impossible or impracticable to undertake this special preparation. The apprenticeship is not enforced upon any student ; it is simply recommended. Individuals who do not enter upon it enjoy all the advantages of the school, with this single exception.

#### THE STUDY OF CHILDREN.

The school is much indebted to Dr. G. Stanley Hall for a suggestion that the study of psychology might be pursued in part by the original observation of children. From his idea as a starting-point, a scheme for this purpose has been worked out and adopted as a permanent part of the school curriculum.

The principal requests the students to observe the conduct of children in all circumstances, — at home, at school, in the street, at work, at play, in conversation with one another and with adults, — and record what they see and hear as soon as circumstances will permit. When the nature of the work is explained to the school, great emphasis is placed upon the necessity of having the records genuine beyond all possibility of question ; of having them consist of a simple, concise statement of what the child does or says, without comment

by the writer ; of making both the observation and the record without the knowledge of the child ; and of noting the usual, rather than the unusual, conduct of the individuals observed.

For convenience in classification, blanks of six colors are provided for the records. White paper is used for such observations as students make themselves ; red for well-attested ones reported by others ; yellow for reminiscences of their own childhood ; green for mention of whatever they read on the subject ; blue for exceptional or defective children ; and chocolate for observations that extend continuously over a period of time. Each blank has the following heading :—

[STATE NORMAL SCHOOL AT WORCESTER.]

#### STUDY OF CHILDREN.

1. Date, .....
2. Observer's name, ..... age,  
P. O. address, .....
3. Name (or initials) of person (child) observed,  
sex, ..... ; nationality, ..... ; age (yrs. and mos.), .....
4. Length of time between making the observation and recording it, .....

#### RECORD.

If the record is from hearsay, the names of both recorder and observer must be given.

Pupils write the records at their convenience (immediately after making the observation is the best time), and put the papers in a designated place. A teacher reads them from time to time, and classifies them under the heads, — knowledge, reflection, imagination, conscience, feeling, play, etc.

Both teachers and pupils feel that no other part of the pedagogical training has so direct an influence in developing the qualities most sought in a teacher. It is clearly manifest that it awakens curiosity concerning the phenomena of child nature, excites intelligent sympathy with children, and contributes to skill in discipline and

instruction. Graduates and apprentices give abundant testimony on all these points.

The work of making observations is not compulsory, but nearly all members of the school engage in it from genuine interest. A few selected papers are placed from time to time where they may be read by all who care for them. How far these serve as stimulus and example is not known; but every day, not excepting the first day of a term, brings its supply of records, even though the subject may not have been explicitly mentioned for months. It is indeed the most nearly self-sustaining exercise in the school.

Many valuable records are reports of what is seen in the street on the way to or from school, but perhaps the highest value attaches to the reminiscences of the observer's own childhood. To recall one's own feelings, motives, and conduct in circumstances that are repeated in the life of every child, proves, as might be expected, in a high degree salutary, and affects sensibly the manner of judging others. The frankness and humor with which this kind of report is made are often very interesting.

Systematic instruction in psychology is aided both in the way of preparation and supplement by this additional study. Pupils are thus furnished at the outset with facts of their own observation, which serve as elementary materials for scientific classification and study; they have a habit of observing a certain class of phenomena, and have received suggestions and cautions that are of service to them in other departments; they are able to pass more easily to mental science, because they have learned that that, as well as natural science, can be pursued by an objective method; they have an already awakened and active interest in the subject that gives them pleasure in learning general principles, sometimes in part known by their own observations; and, moreover, they attach a different value to a text-book which they see is a natural outgrowth of an experience like their own.

As all students make observations, many records have no value apart from the wholesome endeavor that made them; but a progress in the significance of the things noticed and in the manner of recording them is apparent. During the latter part of a term the proportion of significant and valuable papers is greater than during the first part. All papers are carefully preserved (about 2,000 have been collected each year), and it is hoped that they may be of value to

students of child-nature ; but the primary object of collecting them is the training of prospective teachers, and so highly does the work commend itself as a means to this end, that, if nothing ulterior to this is gained, complete satisfaction, and no disappointment, will be experienced.

#### REQUIREMENTS FOR ADMISSION.

The *required* age is, for young men, seventeen years ; for young women, sixteen.

The *average* age of those admitted is usually a little less than nineteen years. Pupils who enter at an age much below the average are rarely able to get the full benefit of the instruction given without remaining more than two years in the school.

Candidates must show upon examination good capacity and general intelligence, and also fair attainments in the following branches, viz., reading, spelling, penmanship, geography, arithmetic, English grammar, history of the United States.

Other things being equal, those gain most advantage from the course who have spent the longest time in preparation.

The entrance examination is often passed creditably by pupils who have made rapid progress in the required studies, but who have not sufficient intellectual maturity to pursue profitably a more advanced course of instruction. It will be seen, therefore, that three things must be considered in the case of each candidate for admission ; (1) *age*, (2) *time spent in preparation*, (3) *ability to pass the examination*.

The standard may be reached in any one of these things and the candidate still be unprepared to enter, by reason of deficiency in one or both of the others.

The scope and character of the examinations are indicated by the "Questions" printed in the Appendix.

Express warning is given against trying to enter in the hope of "making up" deficiency in any of these departments.

Candidates must present certificates of good character and good health, must promise a faithful observance of school regulations, and must declare in writing their intention to complete the prescribed course of study and training, and to engage in teaching after graduation.

TIME OF EXAMINATION FOR ADMISSION. — The regular examination begins on the first day of each term (see Calendar) ; and applicants

must be present at that time, unless detained by sickness or other imperative and unforeseen necessity.

The examination continues through two days ; and lunch should be brought each day, on account of the distance of the school from the centre of the city.

Candidates for admission may present themselves for examination six months, or even a year, before they expect to join the school, and are advised to do so, if convenient, for the sake of becoming better acquainted with the nature of the requirements.

*Students are not admitted to advanced classes, and must not expect to complete the elementary course in less than two years.*

**SPECIAL STUDENTS.** — Applications having been occasionally made by college graduates to take a special (elective) course at the school, it has for some time been the rule to allow such, in common with graduates of normal and scientific schools, the full advantage of the institution. On the completion of such a course, a certificate is given, specifying the character and quality of the work done, and the fitness of the candidate to serve as a teacher in the public schools.

**LEAVE OF ABSENCE.** — It is often the case that, through weak health or stress of circumstances, pupils may be obliged to miss one, two, three or more terms. It is in the interest of such that the course need not be pursued uninterruptedly to the end. Students may, and often do, obtain leave of absence to teach or to rest, and resume their work afterwards. This divides, but of course does not shorten, their course of study.

**TERMS OF TUITION.** — Tuition, and also the use of all text-books, is free to such as intend to teach in the public schools of Massachusetts, whether residents of this State or not. Those whose purpose is to teach in other States or in private schools are required to pay in advance fifteen dollars a term (thirty dollars a year) for tuition. A fee of two dollars a term in advance is required of each pupil to meet incidental expenses.

*Pupils who withdraw from the school without permission of the principal must pay at the rate of fifteen dollars a term for the tuition they have received.*



### GOVERNMENT.

The government of the school is not a government of rules, nor even of laws. The school is not without law, but the pupils are led by suggestion, encouragement and admonition to become a law unto themselves. That this is a statement not merely of what is thought desirable as a method of government, but of what is actually accomplished, is the testimony of both official and casual visitors of the school. The pupils hardly realize that they are governed; they feel that they govern themselves.

### HEALTH.

INSTRUCTION IN HYGIENE. — A marked feature of the school is the special attention directed not only to the physical well-being of the pupils, but to such instruction as will enable them to deal practically with living questions of hygiene as they arise in everyday life. The pupils are both taught to understand the conditions of healthful life, and trained and assisted to put into practice the instruction they receive in the care of health. They have careful oversight, and are advised individually according to their needs. No pupil enters the school without furnishing a physician's certificate of good health, and no pupil is allowed to remain whose physical condition is not thought equal to the demands of the school work. In cases of fatigue, exhaustion, or such indisposition as may unfit pupils for duty, they are advised to take immediate rest; and it is for the use of such that a quiet room, fittingly furnished, and one of the lightest and pleasantest in the building, has been set apart. Special efforts are made to counteract any tendency to over-work, over-excitement, or hurry. No recitations or study periods are longer than forty minutes, and during the ample and frequent intervals of relaxation school work is completely put aside.

RECREATION. — The pupils find a fund of social recreation, not only in the hall, which is provided with a piano, and which is thrown open to them to enjoy themselves as they will, but in the large lunch-room, used exclusively for the purpose that its name indicates. Shortly after midday the luncheons, left since the last recess in the hot closet, are brought out, and the room is soon made lively by the

voices of a hundred or more pupils, seated in groups around tables filled to overflowing with the several contributions to this noonday feast. During the warmer months, however, even the lunch-room has to yield in attractiveness to the tree-shaded grounds about the building.

**PHYSICAL EXERCISE.** — A special time is set apart each day for physical exercises of some sort. These are not set calisthenic movements of the usual kind, but take the form of thorough drill in the throwing of light balls, the handling of sticks or wands, marching to music, singing in chorus, or such exercise in or out of doors as is fitted to develop vigor and activity of body at the same time that it cultivates habits of precision and accuracy, and fits the pupils to meet some of the difficulties of drill and discipline in the profession for which they are being trained.

#### **PLATFORM EXERCISE.**

This exercise has the somewhat comprehensive aim of helping pupils to command their faculties and use their mother-wit amid the interruptions and distractions of the school-room. It consists of speaking, reading, drawing, etc., on the platform in presence of the school. The widest range is given to choice of subject and to manner of presenting it, with the single restriction of time. The prepared material must not occupy more than four minutes, although the questions asked by teachers and pupils may change the performance to extemporaneous speaking, and prolong it indefinitely. Forty-five minutes are used in this manner each day. No time is assigned to individuals, but each takes part when he chooses, or can find opportunity, with the well-understood provision that not less than nine persons must be prepared and on the platform every day. Since the exercise is a trying one to pupils, there is little direct criticism, and such as is made takes the form of commendation of the excellences of the performance. In reply to the question, "What school exercise was most profitable to you?" graduates are almost certain to name this, or "The study of children."

#### **THE LIBRARY.**

The library has been made to contribute materially to the progress of the pupils, both in general intelligence and literary culture, partly in consequence of the device of placing it in the school hall and in

the recitation-rooms, where it can be used at all times without formal permission. Books may be taken home on Saturday afternoons and kept until Tuesday; and, as they can be obtained more easily from this library than from any other, a large part of the pupils confine their reading to this collection. The result is an acquaintance with a somewhat large number of books of the best sort, and a manifest improvement in literary taste and in standards of excellence.

The almost unrestricted use of the library is not abused. While the appearance of the books is convincing evidence that they are much read, not more than two or three volumes have been lost or mutilated in the seventeen years of the existence of the school, and it is rarely necessary to inquire for a book when it is needed.

The number of volumes is at present more than 2,800, and additions are constantly made, up to the limits of the funds available for that purpose.

#### GENERAL FACILITIES.

INCIDENTAL ADVANTAGES. — Important facilities for general improvement are offered to pupils in the libraries, institutions and other means of culture in which Worcester is rich.

The extensive and well-arranged museum of the Worcester Natural History Society is open for inspection, and specimens in all departments can be borrowed by teachers and students, and taken to the school for purposes of study and illustration.

The hall of the American Antiquarian Society contains a notably rich store of interesting exhibits, and the library includes a rare treasury of books pertaining to American history.

The Free Public Library stands almost unique among the institutions of the kind in this country for the effective relationship existing between it and the schools. Its large and well-endowed reference library, its well-filled circulating department, its reading-rooms, supplied with the leading domestic and foreign papers and periodicals, afford exceptional opportunities to the schools. Special facilities are offered to teachers and pupils, and the librarian is unsparing in his efforts to render every aid in the choice and use of books, or in any way in which he can assist the reader.

RAILROAD FARES. — The six lines of railroad centring in Worcester afford easy communication with the neighboring towns and

villages. Season tickets or mileage tickets are issued to pupils of the normal school at greatly reduced rates, and the daily sessions of the school are so arranged as to accommodate those who wish to come and go by the cars.

### GENERAL INFORMATION.

**BOARD AND ROOMS.** — Students are advised to board in the city, if possible. Not much is saved pecuniarily by those who go in and out every day by rail, and the loss of time and the incidental exposure put them at serious disadvantage.

There is no boarding-house connected with the school; but suitable accommodations in respectable private families in the neighborhood, approved by the authorities of the institution, are easily obtained. To such as seek information or advice in this direction, the principal is ready to give every assistance in his power.

It is expected that a dormitory (not a boarding-house) will be built on the school grounds during the coming year, which will afford a limited number of lodging-rooms to students and teachers. In the case of pupils of the normal school, the average cost of board (generally including room, fuel, light and washing) has been ascertained to be about four dollars per week.

**INCIDENTAL EXPENSES.** — The necessary incidental or miscellaneous expenses have averaged about five dollars for each pupil for the term, or ten dollars a year.

These averages imply strict economy on the part of pupils, and in making an estimate of expenses it would probably be unsafe to go below the above figures.

### STATE AID.

The Commonwealth has regularly appropriated several hundred dollars a year to each of its normal schools, to be divided among such pupils as are most needy and deserving. This school of course receives its proper share of such funds, and is able to render assistance to a number of students each year.

The State also gives the use of all the text-books required in the course, as well as free access to an ample and well-selected library of reference and general literature.

**NORMAL SCHOOL SCHOLARSHIPS AT HARVARD.**

There are eight scholarships in the scientific school of Harvard University for the benefit of graduates of the State normal schools. The annual value of each of these scholarships is one hundred and fifty dollars, which is the price of tuition, so that the holder of the scholarship gets his tuition free.

The incumbents are originally appointed for one year, on the recommendation of the principals of the schools from which they have been severally graduated. These appointments may be annually renewed, on the recommendation of the faculty of the scientific school.

**TO VISITORS.**

A hearty invitation is extended to the parents and friends of pupils — to all, in fact, who may feel inclined — to visit the school, and see the current and method of its daily working. *The first two and last two weeks of a term are, obviously, the least favorable times for a visit.*

The school committees and superintendents of the neighboring towns are particularly and earnestly urged to make themselves acquainted with this school, — especially designed, as it is, to aid them in their work of improving our public instruction, — and to introduce to its advantages such young teachers of promise as aspire to more thorough preparation for their calling.

The school is not in session on Mondays. On other days the hours (leaving out the noon recess) are from nine o'clock to four, an arrangement that has been found the most convenient for ninety-six per cent. of the pupils.

## APPENDIX.

## GRADUATES.

**NOTE.** — All the graduates have been examined and approved as teachers for the schools of Worcester by the examining committee of the school board of the city.

When any change of name or residence has been reported, it is indicated immediately under the name and residence at the time of graduation. Graduates will see that it is very desirable to have notice of such changes promptly sent to the principal.

## FIRST CLASS, JULY, 1876.

NAMES.	RESIDENCES.
Lydia Walker Ball . . . . .	Upton.
Harriet Crook . . . . .	Valley Falls.
Mrs. Fred. Snider, Northampton.	
Ella Eudora Goddard . . . . .	Worcester.
Ella Jane Lyford . . . . .	Spencer.
Worcester. Died in Worcester, Jan. 30, 1891.	
Joseph Chauncy Lyford (Secretary) . . . . .	Spencer.
Worcester.	
Marianna Newton . . . . .	Worcester.
Mrs. Henry E. Chace, Fall River.	
Alice Vara Proctor . . . . .	Spencer.
Mrs. Nathan A. Cobb, Sydney, Australia.	
Hannah Arabella Tucker . . . . .	North Brookfield.
Celia Eliza Whiteman . . . . .	Le Roy, N. Y.
Mrs. George H. Marsh, Auburn, N. Y.	
Fanny Alberta Williams . . . . .	Worcester.

## SECOND CLASS, JANUARY, 1877.

Frances Maria Athy . . . . .	Worcester.
Effie Lillian Bennett (Secretary) . . . . .	Worcester.
Sarah Ann Boyd . . . . .	Cherry Valley.
Florence Emily Brown . . . . .	East Douglas.
Mrs. Horace Martin, East Douglas.	
Harriet Abigail Brown . . . . .	East Douglas.
Somerville.	

NAMES.	RESIDENCES.
Mary Ellen Cecilia Carroll . . . . .	Worcester.
Jennie Lullona Dearborn . . . . .	Worcester.
Clara Amelia Grout . . . . .	Worcester.
Mrs. John W. Nichols, Barre, Vt.	
Milly Jane Hall . . . . .	Upton.
Mrs. Henry L. Patrick, Hopedale.	
Gertrude Hawkins . . . . .	Fitchburg.
Mrs. Charles F. Wilson, Fitchburg.	
Augusta Seaver Houghton . . . . .	Wilkinsonville.
Mrs. Louis E. Chase, Wilkinsonville.	
Annie Devereaux Johnson . . . . .	Worcester.
Mrs. James Logan, Worcester.	
Helena Adelaide Marie Kalaher . . . . .	Worcester.
Gertrude Mitchell King . . . . .	Nantucket.
Margaret Jane McCann . . . . .	Worcester.
Mary Elizabeth Murphy . . . . .	Worcester.
Philadelphia, Pa.	
Jeanette Maria Putnam . . . . .	Northbridge.
Mrs. Edward E. Clark, Auburndale.	

## THIRD CLASS, JULY, 1877.

Carrie Maria Adams . . . . .	Worcester.
Emma Abble Bigelow . . . . .	Holden.
Mrs. E. C. Houghton, Newtonville.	
Ida Frances Boyden . . . . .	Oakham.
Mrs. Alvan H. Brown, East Douglas.	
Jennie Ellis Chandler . . . . .	Duxbury.
Bridgewater.	
Bessie Alice Chase . . . . .	Worcester.
Mrs. Edmund P. Capron, Boston.	
Josepha Percy Chase . . . . .	Worcester.
Providence, R. I.	
Katie Agnes Coughlin . . . . .	Worcester.
Mrs. David L. Bradt, Worcester.	
Mabel Crane . . . . .	Blackstone.
Mrs. W. Henry DeLong, Worcester.	
Mary Rebecca Doherty . . . . .	Worcester.
Mrs. Thomas D. Connolly, Beverly Farms.	
Eliza Ann Fairbanks . . . . .	Westborough.
Mrs. C. H. Hersem, Westborough.	
Ellen Montgomery Fitts . . . . .	Worcester.
Mrs. Robert M. Higgins, St. Louis, Mo.	
Mary Elizabeth Fitzgerald . . . . .	Worcester.
Ida Louise Gaskill . . . . .	Blackstone.
Ella Eudora Hall . . . . .	Worcester.
Mrs. Alfred C. Bradish, Worcester.	

NAMES.	RESIDENCES.
Mary Field Harrington . . . . .	Worcester.
Anna Beatrice Hopkins . . . . .	Worcester.
Mrs. John H. Leland, Worcester.	
Olive Rice Jenks . . . . .	Spencer.
Mrs. Benjamin S. Crocker, Chicago, Ill.	
Lucia Naomi Jennison . . . . .	East Templeton.
Worcester.	
Mary Ann Kean . . . . .	Worcester.
Mrs. James Early, Worcester.	
Anna Maria Murray . . . . .	Worcester.
Katie Ann McCarthy . . . . .	Worcester.
Minnie Willietta Sherman . . . . .	Worcester.
Anna Maud Smith . . . . .	Worcester.
Mrs. Otis A. Merrill, Lowell. Died in Lowell, April 30, 1886.	
Hattie Urania Thwing . . . . .	Worcester.
Mrs. Charles F. Smith, Worcester.	
Annie Teresa Timon . . . . .	Worcester.
Isabella Livingston Tullis . . . . .	Worcester.
Mrs. William A. Harding, Brooklyn, N. Y.	
Jennie Abbie Whitney (Secretary) . . . . .	Worcester.
Mrs. Henry H. Browning, Haverhill.	

## FOURTH CLASS, JANUARY, 1878.

Lizzie Joanna Andrews . . . . .	Worcester.
Addie Jane Booth (Secretary) . . . . .	Worcester.
Mrs. Alvarado A. Coburn, Worcester.	
Ella Agnes Casey . . . . .	Worcester.
Elizabeth Edwina Chapin . . . . .	Worcester.
Jennie Cora Clough . . . . .	Worcester.
Edna Currier . . . . .	Worcester.
Mrs. Amory C. Holden, Worcester.	
Anna Crosby Cutting . . . . .	Templeton.
St. Paul, Minn.	
Katie Anna Fallon . . . . .	Worcester.
Mrs. Thomas W. Butler, Worcester.	
Addie Eliza Kendall . . . . .	Worcester.
Mrs. William E. Walitt, Worcester.	
Armira Lillian Paul . . . . .	Worcester.
Mrs. James C. Stewart, Worcester.	
Lilla Maria Rice . . . . .	Grafton.
Mrs. Charles L. Ware, Fort Scott, Kan.	
Fanny Louise Smythe . . . . .	Worcester.
Mrs. John F. Kyes, Worcester. Died in Worcester, April 19, 1882.	



NAMES.	RESIDENCES.
Marietta Sykes . . . . .	Blackstone.
Mrs. Edward D. Brown, Minneapolis, Minn.	
Mary Alice Winter . . . . .	Northbridge.
Mrs. Harold Foss, Saccarappa, Me.	

## FIFTH CLASS, JULY, 1878.

Nettie Eliza Adams . . . . .	Fitchburg.
Mrs. J. Chauncey Lyford, Worcester.	
Elizabeth Estelle Bent . . . . .	South Gardner.
Mrs. Franklin Eaton, South Gardner.	
Emma Frances Brown . . . . .	Worcester.
Isabella Newton Eddy . . . . .	Leicester.
Mrs. Charles T. Newton, West Boylston.	
Mary Abby Hayward . . . . .	Ashby.
Mary Elizabeth Houghton (Secretary) . . . . .	Worcester.
Mrs. C. David White, Washington, D. C.	
Isabel Pemberton Morey . . . . .	West Brookfield
Harriet Betsey Sargent . . . . .	South Gardner.
North Cambridge.	
Carrie Angelicia Smith . . . . .	Worcester.
Nellie Blake Webber . . . . .	Worcester.
Mrs. Winslow S. Lincoln, Worcester.	

## SIXTH CLASS, JANUARY, 1879.

Jennie Irene Adams . . . . .	Fitchburg.
Mrs. Charles F. Martensen, Springfield.	
Hattie Woodward Arnold . . . . .	Westborough.
Mrs. D. O. Clark, Warren.	
Emma Buckley . . . . .	Worcester.
Mary Rosalie Goddard (Secretary) . . . . .	Worcester.
Mary Emma Hastings . . . . .	Westborough.
Waltham.	
Jennie Leonora Higgins . . . . .	Worcester.
Mrs. James E. Smith, Worcester.	
Ellie Frances Kinne . . . . .	Plainfield, Conn.
Mrs. Edwin D. Goodell, Brookfield.	
Katie Agatha McLoughlin . . . . .	Worcester.
Hattie Stearns Putnam . . . . .	Worcester.
Sarah Elizabeth Rogers . . . . .	Worcester.
Mrs. Edwin N. Sanderson, Brooklyn, N. Y.	
Adeline Estelle Sprague . . . . .	Worcester.
Marion Capitola Tucker . . . . .	North Brookfield.
Mrs. Frederick N. Hunter, Spencer.	

## SEVENTH CLASS, JULY, 1879.

NAMES.	RESIDENCES.
Eugene Bacon . . . . .	Framingham.
Nobscot.	
Mary Ella Clark . . . . .	Paxton.
Worcester.	
Susan Drake . . . . .	Spencer.
Died in Spencer, June 16, 1888.	
Maggie Agnes Flaherty . . . . .	Worcester.
Emma Lorette Giffin, . . . . .	Templeton.
Mrs. Charles H. Wright, Haselton, O.	
Katie Elizabeth Kenney . . . . .	Worcester.
Milford.	
Ellen French Lindsay . . . . .	Grafton.
Henrietta Agnes Murray (Secretary) . . . . .	Worcester.
Anna Harriet Newton . . . . .	Paxton.
Mrs. Fred. Barnes, Worcester.	
Edwin Thomas Painter, B.S. . . . .	Worcester.
Edwin Thomas Painter, M.D., Pittsburg, Pa.	
Emma Miller Plimpton . . . . .	Northbridge.
Mary Agnes Rourke . . . . .	Worcester.
Mary Abbie Sanborn . . . . .	West Baldwin, Me.
Mrs. George B. Paddock, Minneapolis, Minn.	
Abby Brewer Shute . . . . .	Auburn.

## EIGHTH CLASS, JULY, 1880.

Sarah Maria Averill . . . . .	Plainfield, Conn.
Cora Anna Baldwin . . . . .	Worcester.
Mary Elizabeth Barnard . . . . .	Harvard.
Mrs. William J. D'Ewart, Worcester.	
Mary Mead Bowen . . . . .	Mianus, Conn.
Mary Etta Buxton . . . . .	Worcester.
Mrs. Robert W. Robinson, Worcester.	
Sarah Maria Davis . . . . .	Webster.
Daisy Alice Miranda Fairchild . . . . .	Worcester.
Mrs. Sidney A. Sherman, North Brookfield.	
Hattie Grant Gates (Secretary) . . . . .	Worcester.
Mary Gertrude Griggs . . . . .	Worcester.
Etta Lorenda Hill . . . . .	West Upton.
Mrs. Edward H. Forbush, Worcester.	
Caroline Elizabeth Howe . . . . .	Paxton.
Mary Anne Kane . . . . .	North Brookfield.
Mrs. John A. Howard, Spencer.	
Harriet Lightbourn . . . . .	Worcester.
Alice Eliza Merlam . . . . .	Worcester.
Emma Sophronia Peirce . . . . .	Leicester.
Died in Worcester, March 26, 1884.	

NAMES.	RESIDENCES.
Nellie Louisa Pierce . . . . . Mrs. Fred. W. Fogg, Worcester.	Chesterfield, N. H.
Rosa Isabelle Seavey . . . . . Mrs. William C. Howe, Worcester.	Worcester.
Anna Philena Smith . . . . .	Central Village, Conn.
Maude Mary Smith . . . . . Mrs. S. G. Lynn, Saundersville.	Grafton.
Marina Harwood Tucker . . . . . Mrs. Wilber W. Hobbs, Worcester.	North Brookfield.

## NINTH CLASS, JULY, 1881.

N. B. — Graduates whose names are marked with (A) have, besides passing through the regular course of study, served for a half year as apprentices (see page 15) in the public schools of the city of Worcester.

Selma Petronella Ahlstrom (A) . . . . . Mrs. Emanuel G. Troitz, Worcester.	Worcester.
Hattie Bond Andrews (A) . . . . .	Worcester.
Olive Maria Butler . . . . . Mrs. Charles F. Howard, Orange. Died in Meriden, Conn., Dec. 22, 1889.	Worcester.
Elida Maria Capen (A) . . . . .	Charlton.
Rebecca Harlow Davie . . . . .	Worcester.
Wilton Herbert Desper, B.S. . . . .	Worcester.
Edward Doolittle Fitch . . . . . Edward Doolittle Fitch, M.D., Worcester.	Worcester.
Anna Trask Kelley (A) . . . . .	Worcester.
Mary Emily McCormick (A) . . . . .	Worcester.
Alice Caroline Mason (A) (Secretary) . . . . . Mrs. George F. Barnard, Worcester.	Worcester.
Catherine Theresa Nevins (A) . . . . .	Nantucket.
Georgiana Maria Newton (A) . . . . .	Worcester.
Bertha May Peckham (A) . . . . . Mrs. Elmer I. Balcom, Whitinsville.	Southborough.
Elizabeth Nettie Robinson . . . . . Mrs. W. S. Hinks, Hyde Park.	Templeton.
Angenette Ethelinda Stone (A) . . . . . Minneapolis, Minn.	Northbridge.
Jennie Matilda Tainter (A) . . . . . Mrs. James H. Sutton, Worcester.	Worcester.

## TENTH CLASS, JANUARY, 1882.

Florence Bicknell (A) . . . . . Died in Boston, May 28, 1885.	Rowe.
Alice Chapin (A) . . . . .	Auburn.
Abbie Mitchell Dorr . . . . . Medfield.	Southborough.

NAMES.	RESIDENCES.
Mary Blake Dudley (A) . . . . .	Worcester.
Mrs. W. B. Beach, Jr., New York City.	
Emma Gertrude Goodwin (A) . . . . .	Worcester.
Abbie Calista Hale . . . . .	Hubbardston.
Lizzie Frances Jones (A) . . . . .	Lunenburg.
Fransess Dolbell Martin . . . . .	Worcester.
Mrs. Adam Creelman, Newark, N. J.	
Ida Marion McCambridge (A) (Secretary) . . . . .	Worcester.
Elizabeth Adelaide Potter . . . . .	Worcester.
Mary Ella Proctor (A) . . . . .	Worcester.
Mrs. Henry B. Quimby, Malden.	
Anna Bush Ranger (A) . . . . .	Worcester.
Mrs. Elmore F. Johnson, Worcester.	
Sarah Lydia Sawyer . . . . .	Fitchburg.
Mrs. John W. Jigger, Hyde Park.	
Caroline Isabel Stone (A) . . . . .	Auburn.
Mrs. William Woodward, Worcester.	
Mabel Burnside Tew (A) . . . . .	Worcester.
Mrs. Hiram E. Barnard, Worcester.	
Anna Laura Wells (A) . . . . .	Rowe.
Mrs. Benjamin T. Henry, Rowe.	
Mary Blanche Wheatly (A) . . . . .	Worcester.
Died in Worcester, Feb. 7, 1886.	

## ELEVENTH CLASS, JUNE, 1882.

Harriet Almira Baker . . . . .	Phillipston.
Addie Maria Blenus . . . . .	Worcester.
Anna Theresa Cavanaugh (A) . . . . .	Worcester.
Louis Richards Condry . . . . .	Groton.
Ann Fosket (A) . . . . .	Webster.
Worcester.	
Mary Elizabeth Horgan (A) . . . . .	Worcester.
Mrs. John J. Brennan, Worcester.	
Mary Eliza Jenks (A) . . . . .	Spencer.
Mrs. G. Samuel Boutelle, Worcester.	
Julia Ardelle Mann (A) . . . . .	Blackstone.
Edwin Scott Matthews, B.S. . . . .	Worcester.
Boston.	
Grace Emily Pearl (A) . . . . .	Southborough.
Mrs. Albert C. Brown, Fitchburg. Died in Fitchburg, Feb. 20, 1891.	
Ada Dora Saunders (A) . . . . .	Worcester.
Mrs. John W. Dodd, Worcester.	
Jennie Melenda Sprout . . . . .	Worcester.
Died in Worcester, Feb. 24, 1886.	

NAMES.	RESIDENCES.
Anna Daniels Stowell (A) (Secretary)	Worcester.
Mrs. George H. Johnson, Ketchum, Idaho.	
Mary Florence Stratton (A)	Millbury.
Mrs. Walter N. Walling, Auburndale.	

## TWELFTH CLASS, JANUARY, 1883.

Martha Dowse Adams (A)	Worcester.
Boston.	
Harriet Annie Colton	Oxford.
Mrs. Frederick A. Wellington, Webster.	
Mary Ellen Convery (A)	Worcester.
Hannah Mary Kickham (A)	Worcester.
Mary Catherina Morrissey (A)	Worcester.
Mabel Piper (A)	Worcester.
Anna Theresa Smith (A)	Worcester.
Mary Celia Smith (A) (Secretary)	Worcester.
Etta Melissa Thayer (A)	Worcester.
Etta Theresa Whalen (A)	Worcester.

## THIRTEENTH CLASS, JUNE, 1883.

Ada Bartlett Braman	Worcester.
Mrs. Charles L. Tower, Worcester.	
Minnie Anna Burgess Chase	Worcester.
Mrs. Frank E. Whitehouse, Worcester.	
Louise Frances Clark (A)	Paxton.
Mrs. William F. Brown, Paris, France.	
Mary Louise Gafney (A)	Worcester.
Alphonsine Talon L'Esperance (A)	Worcester.
Died in St. Hyacinthe, Que., Jan. 1, 1887.	
Mary Frye Lewis	Willimantic, Conn.
Mrs. Edward E. Johnson, Seneca Falls, N. Y.	
Mary Agnes McGillicuddy	Worcester.
Mary Alice Marshall	Still River.
Manchester, N. H.	
Jessie Moore Nichols	Auburn
Jennie Mitchell Perrin	Westborough.
Mrs. Frederick A. Richardson, Worcester.	
Alice Valentine Phelps	Worcester.
Estella Virginia Rolston (A) (Secretary)	Worcester.
Honolulu, Hawaiian Islands.	
Jennie Elizabeth Sanderson (A)	Worcester.
Mrs. Sydney H. Elliott	Worcester.
Mary Gertrude Smith (A)	Quinsigamond.
Agnes Rose Stewart (A)	Worcester.
Abbie Josephine Taft (A)	Worcester.
New York City.	

NAMES.	RESIDENCES.
Lizzie Minnie Urban . . . . .	South Westminster.
Mrs. Charles N. Chapin, Worcester.	
Octavia Howard Vaughan (A) . . . . .	Worcester.
Hattie Louisa White . . . . .	Boylston Centre.
Margaret Osgood Whitney . . . . .	Worcester.
Mrs. Frederick W. Blackmer, Worcester.	
Grace Carpenter Williams (A) . . . . .	Gardiner, Me.
Mrs. Charles B. J. Ruggles, Gardner.	

## FOURTEENTH CLASS, JANUARY, 1884.

Mary Louise Blenus (A) . . . . .	Worcester.
Died in Millbury, Feb. 6, 1887.	
Daniel Henry Casey . . . . .	Worcester.
Ellen Gertrude Daley (A) . . . . .	Worcester.
Adella Teresa Gauren (A) . . . . .	Worcester.
Eliza Tainter Gilbert . . . . .	Worcester.
Mrs. George Day, Worcester.	
Endora Estella Hay (Secretary) . . . . .	Worcester.
John Edward Lynch . . . . .	Worcester.
Nellie Abbie Robbins (A) . . . . .	Rochester, N. Y.
Mrs. Henry W. Sykes, Pittsfield.	

## FIFTEENTH CLASS, JUNE, 1884.

Maria Fernald Bosworth (A) (Secretary) . . . . .	Worcester.
Maud Loetta Davis (A) . . . . .	Worcester.
Ellen Frances Fallon . . . . .	Worcester.
Mrs. James F. Guerin, Worcester.	
Margaret Frances Hagan . . . . .	Worcester.
Lilla Ingalls . . . . .	East Templeton.
Mrs. Albert D. Felch, Sunapee, N. H.	
Mary Jessie King . . . . .	Middleville, N. Y.
Mrs. Frank H. Buxton, Worcester.	
Etta Rosella Leonard (A) . . . . .	Worcester.
Mrs. Irving E. Comins, Worcester.	
Mary McCann (A) . . . . .	Leominster.
Chicago, Ill.	
Anna Gertrude Melanefy (A) . . . . .	Worcester.
Died in Worcester, Nov. 30, 1885.	
Annie Ward Newell (A) . . . . .	Millbury.
Helena Bridget O'Keefe . . . . .	Worcester.
Providence, R. I.	
Edith Marietta Rolston (A) . . . . .	Worcester.
Mary Lucy Seavey (A) . . . . .	Worcester.
Alice Alberta Tatman (A) . . . . .	Quinsigamond.
Mrs. Arthur E. Hayer, Quinsigamond.	

NAME.	RESIDENCES.
Elizabeth Pickering Thompson . . . . .	Durham, N. H.
Mrs. Albert DeMeritt, Durham, N. H.	
Katy Adaline Wilder . . . . .	Sterling.
Mrs. R. Lincoln Chandler, Sterling.	

## SIXTEENTH CLASS, JANUARY, 1885.

Katherine Blanche Adams . . . . .	Worcester.
Mrs. Lester T. Crook, Worcester.	
Mary Louise Burroughs . . . . .	Boxborough.
West Acton.	
Minnie Jennie Condy (A) . . . . .	Worcester.
Mrs. Charles F. Pharaoh, Worcester.	
Emma Florence Davis . . . . .	Shrewsbury.
Mrs. George E. Stone, Shrewsbury.	
Cora Belle Drew . . . . .	Burlington, Vt.
Anna Gertrude Foley (A) . . . . .	Worcester.
Julia Elizabeth Green (A) . . . . .	Worcester.
Lucy Maria Green (A) (Secretary) . . . . .	Worcester.
Catharine Aloysia Hackett (A) . . . . .	Worcester.
Annie Maria Ham (A) . . . . .	Worcester.
Carrie Adaline Hildreth (A) . . . . .	Worcester.
Mary Anne McBride (A) . . . . .	Worcester.
Ellen Gertrude McGillicuddy (A) . . . . .	Worcester.
Mary Agnes Morrissey (A) . . . . .	Worcester.
Delia Isabel Newbury (A) . . . . .	Worcester.
Mrs. Willis E. Knowlton, Shrewsbury.	
Carrie Louise Paige (A) . . . . .	Hardwick.
Mrs. Edward S. Frary, Waterbury, Vt.	
Ida May Parsons (A) . . . . .	Holden.
Bourne.	
Frances May Prentice (A) . . . . .	Westborough.
Mrs. Fred. S. Dearborn, Worcester.	
Hannah Sheehan (A) . . . . .	Whitinsville.
Mary Elizabeth Talbot Tandy . . . . .	Athol.
Ella Maria Wells (A) . . . . .	Deerfield.
Mrs. H. Clifford Hawks, Deerfield.	
Alvena Betsy Williams (A) . . . . .	Paxton.
Mrs. George E. Stimson, Leicester.	

## SEVENTEENTH CLASS, JUNE, 1885.

Ida Florence Buxton . . . . .	Worcester.
Cora Augusta Cooley (A) . . . . .	Worcester.
Mrs. Edward Lawton, Ayer.	
Amy Holbrook Dana (A) . . . . .	West Boylston.
Atlanta, Ga.	

NAMES.	RESIDENCES.
Minnie Alberta Davis . . . . .	Worcester.
Carrie Elizabeth Dodd (A) . . . . .	Paxton.
New Haven, Conn.	
Emily Sophia Gaskill (A) . . . . .	Mendon.
Emma Jane Goddard (A) . . . . .	Grafton.
Emma Eliza Hayward . . . . .	Ashby.
Benjamin West Kinney (A) (Secretary) . . . . .	Worcester.
Georgia Hudson Lakin (A) . . . . .	Paxton.
Mrs. Charles H. Dodd, Worcester.	
Ada Alvera Mason . . . . .	Worcester.
Died in Worcester, May 5, 1890.	
Agnes Josephine O'Gorman (A) . . . . .	Worcester.
Carrie Melinda Sweetzer (A) . . . . .	Worcester.
Florence Mabel Waite (A) . . . . .	Pittsfield.

## EIGHTEENTH CLASS, JANUARY, 1886.

Alice Lucina Bainbridge (A) . . . . .	Worcester.
Alice Rosilla Barton (A) . . . . .	Upton.
Grace Rebecca Everett (A) (Secretary) . . . . .	Worcester.
Edith May Harding (A) . . . . .	Worcester.
Sarah Wyman Hay (A) . . . . .	Worcester.
Nellie Francene Monroe (A) . . . . .	Rutland.
Mrs. Benjamin W. Kinney, Worcester.	
Julia Agnes Quinn (A) . . . . .	Worcester.
Margaret Scott (A) . . . . .	Burlington, Vt.
Worcester.	
Annie Gertrude Thompson (A) . . . . .	Worcester.
Carrie Alona Thompson (A) . . . . .	Worcester.

## NINETEENTH CLASS, JUNE, 1886.

Cora Jane Ball (A) . . . . .	Grafton.
Addie Taylor Banister . . . . .	Worcester.
Clara Harwood Bemis . . . . .	Spencer.
Julia Meeker DeCamp (A) . . . . .	Worcester.
Mrs. Sanford D. Leland, Holyoke.	
Mary Jennie Hart (A) . . . . .	Worcester.
Susan Rhoda Hartwell (A) . . . . .	Oxford.
Thomas Joseph Higgins (A) (Secretary) . . . . .	Worcester.
Mary Alice Johnson . . . . .	Westborough.
Mrs. George M. Howe, North Brookfield.	
Mary Elizabeth Joyce (A) . . . . .	Worcester.
Carrie Lauretta Maynard (A) . . . . .	Worcester.
Susan Augusta Peirce (A) . . . . .	West Boylston.
Died in West Boylston, April 27, 1888.	



NAMES.	RESIDENCES.
Abby Louise Penniman (A) . . . . .	Worcester.
Hattie May Ruggles (A) . . . . .	Worcester.
Annie Elisabeth Tucker (A) . . . . .	Chelsea.
Melrose.	
Ella Maria Whitney . . . . .	Upton.
Mrs. Allan D. Risteen, Hartford, Conn.	
Carrie Howard Wilmarth (A) . . . . .	Worcester.
Mrs. William E. Drake, Brooklyn, N. Y.	

## TWENTIETH CLASS, JANUARY, 1887.

Harriet Louise Brewster (A) . . . . .	Westborough.
May Elsie Chapin . . . . .	Worcester.
Caroline Gertrude Cooke (A) . . . . .	Worcester.
Sarah Leighton Dinsmore . . . . .	Lowell.
Sarah Elisabeth Earley (A) . . . . .	Spencer.
Carrie Lincoln Fletcher (A) . . . . .	Worcester.
Marion Holbrook (A) . . . . .	Worcester.
Florence Holman (A) . . . . .	West Millbury.
Marietta Knight . . . . .	Worcester.
Elizabeth McFarland . . . . .	Sutton.
Died in Sutton, Jan. 7, 1891.	
Hattie Louise Partridge (A) . . . . .	Worcester.
Cora Deborah Elizabeth Robinson (A) . . . . .	Worcester.
Lillian Ainsworth Smith (A) . . . . .	Dudley.
Florence Sherman Waite (A) (Secretary) . . . . .	Worcester.
Mrs. G. Arthur Smith, Worcester.	
Lizzie Helen Wallis (A) . . . . .	North Oxford.
Margaret Louisa Walsh (A) . . . . .	Worcester.
Henrietta Maria Wright (A) . . . . .	East Templeton.

## TWENTY-FIRST CLASS, JUNE, 1887.

Olive Minerva Barnes (A) . . . . .	Worcester.
Mrs. William C. Temple, Rutland.	
Alice Harriette Belding . . . . .	Worcester.
Annie Josephine Butterfield (A) . . . . .	Worcester.
Lulu Louise Clarke (A) . . . . .	Worcester.
Albert Swain Colburn . . . . .	Shirley Village.
St. Joseph, Mo.	
Anna Burgess Collier (A) . . . . .	Worcester.
Josephine Pauline Convery (A) . . . . .	Worcester.
Margaret Mary Hanley (A) . . . . .	Worcester.
Addie Maria Harthan (A) . . . . .	Worcester.
Kate Maria Healy (A) . . . . .	Worcester.
Nellie Gertrude Jerome (A) . . . . .	Worcester.
Cora Emma Kemp (A) . . . . .	Worcester.

NAMES.	RESIDENCES.
Abbie Curtis Knight (A) . . . . .	Worcester.
Emma Martha McCormick . . . . .	Spencer.
Honora Lucy Murphy (A) . . . . .	Worcester.
Mary Jane Newton (A) . . . . .	Greenfield.
Abigail Loretta O'Hara (A) . . . . .	Worcester.
Lucy Reel Poland (A) (Secretary) . . . . .	Worcester.
Mary Teresa Power (A) . . . . .	Worcester.
Miriam Frances Proctor (A) . . . . .	Spencer.
May Caroline Rogers (A) . . . . .	Worcester.
Kate Emogene Smith (A) . . . . .	Florence.
Louise Adelia Stockdale (A) . . . . .	Worcester.
Charlotte May Taylor (A) . . . . .	Bolton.
Mrs. Oliver A. Everett, Bolton.	
Bertha Caroline Yeaton (A) . . . . .	Worcester.

## TWENTY-SECOND CLASS, JANUARY, 1888.

Jennie Ambrose Casey (A) . . . . .	Worcester.
Margaret Ann Connolly (A) . . . . .	Worcester.
Idaline Dawley (A) . . . . .	Plainfield, Conn.

Died in Plainfield, Conn., Sept. 4, 1888.

Catherine Teresa Donnelly (A) . . . . .	Worcester.
Annie Elizabeth Fales (A) . . . . .	Westborough.
Ida Childs Gleason . . . . .	West Brookfield.
Ida Etta Leland (A) . . . . .	Upton.
Mary Mackin (A) . . . . .	Worcester.

Died in Worcester, Aug. 17, 1889.

Fanny Richards Brewer Macomber (A) . . . . .	Worcester.
Edith Maria Marsh . . . . .	Leicester.
Mary Gertrude Overend (A) (Secretary) . . . . .	Worcester.
Cora Almira Paige (A) . . . . .	Worcester.
Dora Alvire Paige (A) . . . . .	Worcester.
Julia Winifred Smith (A) . . . . .	Quinsigamond.
Minnie Belle Stearns (A) . . . . .	North Leominster.

Mrs. George P. Taylor, Springfield.

## TWENTY-THIRD CLASS, JUNE, 1888.

Mary Agnes Cunningham (A) . . . . .	Worcester.
Amella Louisa Diemar (A) . . . . .	Worcester.
Minnie Isabel Gage (A) . . . . .	Worcester.
Henry Dwight Hunt . . . . .	Columbia, Conn.
Anna Miriam Johnson (A) . . . . .	Worcester.
Edith Genevieve Loring . . . . .	Westborough.
Jeannette Morrill (A) . . . . .	Benton, N. H.

Worcester.

NAMES.	RESIDENCES.
Gertrude Emma Nash (A) . . . . .	Worcester.
Mary Alice O'Gready (A) . . . . .	Worcester.
Annie Brown Porter (A) . . . . .	Manchester, N. H.
Mary Agnes Quinn (A) . . . . .	Worcester.
Flora Addie Strong . . . . .	Starksborough, Vt.
Margaret Gertrude Sullivan (A) . . . . .	Worcester.
Mary Louise Taylor (A) (Secretary) . . . . .	Worcester.
Helen Frances Walker . . . . .	Worcester.

**TWENTY-FOURTH CLASS, JANUARY, 1889.**

Martha Jennie Alton (A) . . . . .	Worcester.
Mrs. Walter Lincoln Brown, Worcester.	
Harriet Amelia Blood (A) . . . . .	Worcester.
Carrie Maria Bunce (A) . . . . .	Worcester.
Anna Loretta Callahan . . . . .	Barre.
Harriet Washburn Cook (A) . . . . .	Worcester.
Jennie Maria Fairbanks . . . . .	Holden.
Ellen Estelle Fitzgerald (A) . . . . .	Worcester.
Cecilia Theresa Kelley (A) . . . . .	Worcester.
Sarah Ann McCormick (A) . . . . .	Worcester.
Ellen Agnes McTiernan (A) . . . . .	Worcester.
Alice Elizabeth Marsh . . . . .	Leicester.
Mrs. Fred. Libby, Leicester.	
Katherine Mathews (A) . . . . .	Westborough.
Grace Lamson Newton (A) . . . . .	Oakdale.
Ellen Agnes O'Neil (A) . . . . .	Worcester.
Mary Elizabeth Patten . . . . .	Danby, Vt.
Clinton.	
Alice Cressy Plumer (A) . . . . .	Maxwell, Neb.
Grace Emeline Remington (A) . . . . .	Worcester.
Sara Elizabeth Rollison (A) . . . . .	Worcester.
Olive Russell (A) (Secretary) . . . . .	Worcester.
Mary Ann Agnes Short (A) . . . . .	Worcester.
Mary Alice Smith (A) . . . . .	Worcester.
Mrs. Melville D. Frost, Boston.	
Dora Taft . . . . .	Mendon.
Winifred Rosalie Todd (A) . . . . .	Worcester.
Addy Frances Yeaton (A) . . . . .	Worcester.

**TWENTY-FIFTH CLASS, JUNE, 1889.**

Clara Elizabeth Andrews (A) . . . . .	Boylston.
Grace Hulford Bishop (A) . . . . .	Worcester.
Ellen Gertrude Carey (A) . . . . .	Worcester.
Stella Elizabeth Chapin (A) . . . . .	Worcester.

NAMES.	RESIDENCES.
Susan May Corbin . . . . .	W. Woodstock, Conn.
Annie Maria Gilbert (A) . . . . .	Worcester.
Nettie May Grout (A) . . . . .	Spencer.
Bridgeport, Conn.	
Susan Martha Hill (A) . . . . .	Hudson.
Lou Frances Sawtelle . . . . .	Worcester.
Mrs. Arthur D. Putnam, Worcester.	
Netty Anna Starkey (A) (Secretary) . . . . .	Worcester.
Katie Stevenson (A) . . . . .	Worcester.
Clara Harwood Walker (A) . . . . .	Worcester.
Elizabeth Frances Walker (A) . . . . .	Worcester.
Martha Raymond Walker (A) . . . . .	Worcester.
Denver, Col.	
Harriet Erwin Wheeler (A) . . . . .	Worcester.
Emma Augusta Windle . . . . .	Oxford.

## TWENTY-SIXTH CLASS, JANUARY, 1890.

Maud Sophie Bosworth (A) . . . . .	Worcester.
Herbert Eugene Buxton . . . . .	Ashford, Conn.
Flora Browning Chamberlain (A) . . . . .	Worcester.
Florence Malbone Dodge (A) . . . . .	Worcester.
Alice Gertrude Draper (A) (Secretary) . . . . .	Worcester.
Alice Little Eames (A) . . . . .	Worcester.
Elizabeth Christine Finn (A) . . . . .	Worcester.
Mary Agnes Flynn (A) . . . . .	Worcester.
Costella Gertrude Gale (A) . . . . .	Guilford, Vt.
Margaret Jane Gartland (A) . . . . .	Worcester.
Mary Gertrude Geary (A) . . . . .	Worcester.
Mary Catherine Henry (A) . . . . .	Worcester.
Anna May Hewett (A) . . . . .	Worcester.
Lena May Hurlbut (A) . . . . .	Richford, Vt.
Harriet Howe Maynard . . . . .	Townsend.
Annie York Milliken (A) . . . . .	Worcester.
Anna Grace Moore (A) . . . . .	Worcester.
Amy Murray (A) . . . . .	Worcester.
Rupert Henry Murray . . . . .	Worcester.
Kate Evans Parker (A) . . . . .	Worcester.
Minnie Partridge . . . . .	Medway.
Jeannette Witherby Scruton (A) . . . . .	Canton, N. Y.
Ella Louise Smith (A) . . . . .	Worcester.
Annie Lillian Sullivan (A) . . . . .	Worcester.
Mary Eleanor Whitty (A) . . . . .	Fitchburg.
Mary Emma Williams . . . . .	Webster.
Mrs. Charles A. Durfee . . . . .	Chopmist, R. I.

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**TWENTY-SEVENTH CLASS, JUNE, 1890.**

Names.	Residences.
Amy Maria Aldrich (A) . . . . .	Westborough.
Emma Susie Barrett (A) . . . . .	Worcester.
Mattie Josephine Black (A) . . . . .	Worcester.
Emma Jane Cooper . . . . .	Worcester.
Manchester, N. H.	
Anna Gertrude Cullen (A) . . . . .	Worcester.
Maud Elizabeth Davis (A) . . . . .	Holden.
Kathline Elizabeth Dwyer (A) . . . . .	Worcester.
Harriet Almira Greene (A) . . . . .	Wrentham.
Luta Belle Lincoln (A) (Secretary) . . . . .	Worcester.
Charlotte McFarland (A) . . . . .	Worcester.
Annie Teresa McGrath (A) . . . . .	Worcester.
Mary Catherine O'Connor (A) . . . . .	Worcester.
Mary Helen Rogers (A) . . . . .	Holden.
Sarah Agnes Russell (A) . . . . .	Amherst.
Florence Louise Seagrave (A) . . . . .	Uxbridge.
Edith Maria Studley (A) . . . . .	Worcester.
Nellie Dascombe Temple (A) . . . . .	Gardner.
Florence Helen Towne (A) . . . . .	Mendon.

**TWENTY-EIGHTH CLASS, JANUARY, 1891.**

Henrietta Maria Ager (A) . . . . .	Worcester.
Agnes Maria Blanchard . . . . .	Harvard.
Jennie Frances Brennan (A) . . . . .	Worcester.
Edith Minetta Brown (A) (Secretary) . . . . .	Worcester.
Huldah Jane Gibson (A) . . . . .	South Boston.
Sarah Alice Hopwood (A) . . . . .	Worcester.
Fanny Maud Joy (A) . . . . .	Manchester, N. H.
Helen Maria King (A) . . . . .	Worcester.
Rosa Helena Mahan (A) . . . . .	Worcester.
Agnes McMahon (A) . . . . .	Worcester.
Mary Brown Porter (A) . . . . .	Louisville, Ky.
Nellie Jane Wattie (A) . . . . .	Worcester.
Alice Gertrude Whitcomb . . . . .	Worcester.

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**SPECIAL STUDENTS**

WHO HAVE RECEIVED CERTIFICATES OF PROFICIENCY.

**1881.**

Francis Patrick McKeon, A.M.

Richard Henry Mooney, A.M.

**1882.**

Thomas William Butler.

Owen Henry Conlin, A.B.

Peter Andrew Conlin, A.B.

Edward Aloysius Quinland, A.B.

**1883.**

Arthur Hay, A.B.

**1886.**

William Francis Carmody, A.B.

**1890.**

Joseph Edward Underwood, A.B.

**SUMMARY OF NUMBERS.**

Number in the First Class . . . . .	10
Number in the Second Class . . . . .	17
Number in the Third Class . . . . .	27
Number in the Fourth Class . . . . .	14
Number in the Fifth Class . . . . .	10
Number in the Sixth Class . . . . .	12
Number in the Seventh Class . . . . .	14
Number in the Eighth Class . . . . .	20
Number in the Ninth Class . . . . .	16
Number in the Tenth Class . . . . .	17
Number in the Eleventh Class . . . . .	14
Number in the Twelfth Class . . . . .	10
Number in the Thirteenth Class . . . . .	21
Number in the Fourteenth Class . . . . .	8
Number in the Fifteenth Class . . . . .	16
Number in the Sixteenth Class . . . . .	22
Number in the Seventeenth Class . . . . .	14
Number in the Eighteenth Class . . . . .	10
Number in the Nineteenth Class . . . . .	16
Number in the Twentieth Class . . . . .	17
Number in the Twenty-first Class . . . . .	25
Number in the Twenty-second Class . . . . .	15
Number in the Twenty-third Class . . . . .	15
Number in the Twenty-fourth Class . . . . .	24
Number in the Twenty-fifth Class . . . . .	16
Number in the Twenty-sixth Class . . . . .	26
Number in the Twenty-seventh Class . . . . .	18
Number in the Twenty-eighth Class . . . . .	13
Total number of graduates . . . . .	457
Number of certificated students . . . . .	9

### GIFTS OF THE GRADUATING CLASSES.

These all form a part of the decoration of the main hall or school-room.

FIRST CLASS . . . . .	Apollo.	(Bust.)
SECOND CLASS . . . . .	Angel-Boys, from Raphael's "Sistine Madonna."	(Photograph.)
THIRD CLASS . . . . .	Guido's "Aurora."	(Photograph.)
FOURTH CLASS . . . . .	Colosseum at Rome.	(Photograph.)
FIFTH CLASS . . . . .	Julius Caesar.	(Bust.)
SIXTH CLASS . . . . .	John Locke.	(Bust.)
SEVENTH CLASS . . . . .	Pestalozzi.	(Bust.)
EIGHTH CLASS . . . . .	Ralph Waldo Emerson.	(French's Bust.)
NINTH CLASS . . . . .	"An Old Monarch," by Rosa Bonheur.	(Engraving.)
TENTH CLASS . . . . .	Pyramids and Sphinx.	(Photograph.)
ELEVENTH CLASS . . . . .	Titian's "Flora."	(Photograph.)
TWELFTH CLASS, . . . . .	Michel Angelo's "Three Fates."	(Photograph.)
THIRTEENTH CLASS . . . . .	Lincoln.	(Volk's Bust.)
FOURTEENTH CLASS . . . . .	Webster.	(Photograph by Hawes.)
FIFTEENTH CLASS . . . . .	Millet's "Spinner."	(Etching.)
SIXTEENTH CLASS . . . . .	Franklin.	(Houdon's Bust.)
SEVENTEENTH CLASS . . . . .	The Matterhorn	(Photograph.)





SIXTEENTH ANNIVERSARY

OF THE

MASSACHUSETTS

STATE NORMAL SCHOOL

AT WORCESTER.

PROGRAMME.

*THURSDAY, JUNE 26, 1890.*

## FORENOON.

BEGINNING AT HALF-PAST NINE O'CLOCK.

SINGING, — "Praise thou the Lord."

## READING OF THE THESES.

## TWENTY-SIXTH CLASS, JANUARY, 1890.

\*MAUD SOPHIE BOSWORTH (A), . . . . . Worcester.

OUR GRADUATES' LETTERS.

\*HERBERT EUGENE BUXTON, . . . . . Ashford, Conn.

OCCUPATION OF PUPILS OUT OF SCHOOL.

FLORA BROWNING CHAMBERLAIN (A), . . . . . Worcester.

BOY NATURE ACCORDING TO MARK TWAIN.

FLORENCE MALBONE DODGE (A), . . . . . Worcester.

THE USE OF THE DICTIONARY.

\*ALICE GERTRUDE DRAPER (A), . . . . . Worcester.

EARLY SCHOOLS OF MASSACHUSETTS.

\*ALICE LITTLE EAMES (A), . . . . . Worcester.

EARLY EDUCATION OF JOHN STUART MILL.

ELIZABETH CHRISTINE FINN (A), . . . . . Worcester.

KING'S "METHODS AND AIDS IN GEOGRAPHY."

\*MARY AGNES FLYNN (A), . . . . . Worcester.

A VISIT TO THE INDUSTRIAL SCHOOLS OF BOSTON.

\*COSTELLA GERTRUDE GALE (A), . . . . . Guilford, Vt.

CAMPING OUT FOR GIRLS.

MARGARET JANE GARTLAND (A), . . . . . Worcester.

A VISIT TO THE LYMAN SCHOOL.

NOTE. — Not all the essays can be read in the time allotted to the exercises. The names of the readers are indicated by a star.

N. B. — Graduates whose names are marked with (A) have, besides passing through the regular course of study, served for a half year as apprentices in the public schools of the city of Worcester.

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MARY GERTRUDE GEARY (A), . . . . .	Worcester.
"HOW TO STUDY GEOGRAPHY."— <i>Parker.</i>	
MARY CATHERINE HENRY (A), . . . . .	Worcester.
OUR "POCKETS."	
ANNA MAY HEWETT (A), . . . . .	Worcester.
FIVE-MINUTE TALKS ON NATURAL HISTORY.	
LENA MAY HURLBUT (A), . . . . .	Richford, Vt.
OUR LIBRARY.	
HARRIET HOWE MAYNARD, . . . . .	Townsend.
DEFECTS IN THE EDUCATION OF AMERICAN GIRLS.	
ANNIE YORK MILLIKEN (A), . . . . .	Worcester.
CONTINUED INTEREST IN THE SAME PLAY.	
ANNA GRACE MOORE (A), . . . . .	Worcester.
GROWTH OF THE KINDERGARTEN IN THE UNITED STATES.	
AMY MURRAY (A), . . . . .	Worcester.
"RUTS."	
*RUPERT HENRY MURRAY, . . . . .	Worcester.
THE DEMAND FOR TEACHERS AND THEIR SALARIES IN MASSACHUSETTS.	
*KATE EVANS PARKER NEWHALL (A), . . . . .	Worcester.
HOW TO HELP CHILDREN STUDY.	
MINNIE PARTRIDGE, . . . . .	Medway.
EFFECT OF CLASSIC STORIES UPON CHILDREN.	
*JEANNETTE WITHERBY SCRUTON (A), . . . . .	Canton, N. Y.
A CONNECTICUT SCHOOL REPORT AND WHAT CAME OF IT.	
*ELLA LOUISE SMITH (A), . . . . .	Worcester. *
THE ORDER OF INTEREST.	
*ANNIE LILIAN SULLIVAN (A), . . . . .	Worcester.
WORDSWORTH'S ESTIMATE OF THE CHILD.	
MARY ELEANOR WHITTY (A), . . . . .	Fitchburg.
KLEMM'S "EUROPEAN SCHOOLS."	
MARY EMMA WILLIAMS, . . . . .	Webster.
NATIVE EDUCATION AMONG THE INDIANS.	

## RECESS,—FIVE MINUTES.

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SINGING,—Part Songs, . . . . . *Franz Abt.*  
 (a) Waltz Song.  
 (b) Marching Song.

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JUNE 1899

	Worcester.
	Worcester.
	Worcester.
	Worcester.
SINGING.	Worcester.
	Holden.
*MAUD SOFT	Worcester.
*HERBERT E.	Worcester.
FLORA BROWN	Worcester.
FLORENCE MA.	Worcester.
*ALICE GERTRUD.	Worcester.
*ALICE LITTLE EAV	Worcester.
ELIZABETH CHRISTIN	Holden.
K.	
*MARY AGNES FLYNN	Anherst.
A. V.	
*CESTELLA GERTRUD	Uxbridge.
MARGARET JANE GARTLAND	Worcester.
A. V.	
	Gardner.
	Mendon.
	Worcester.

Note. Not all the essays can be read by the readers are indicated by a star.

N. B. Graduates whose names are in course of study, served for a h. Worcester.

STATE NORMAL SCHOOL AT WORCESTER

AFTERNOON.

BEGINNING AT QUARTER-PAST TWO O'CLOCK.

SINGING, — "Morning Invitation," . . . . . 17:45

VALEDICTORY, — TWENTY-SIXTH CLASS.

FLORENCE MALBONE DODGE (A), . . . . . Worcester.  
THE USE OF THE DICTIONARY.

VALEDICTORY, — TWENTY-SEVENTH CLASS.

MATTIE JOSEPHINE BLACK (A), . . . . . Worcester.  
MANUAL TRAINING.

AWARD OF DIPLOMAS.

SINGING, — Old English Songs (learned by ear and sung in unison) :

1. "Black-eyed Susan" (words by Gay; tune by Rich Leveridge).
2. "Begone, Dull Care!" (Chappell.)

ANNIVERSARY ADDRESS.

ALICE FREEMAN PALMER, Ph.D., Ex-President of Wellesley College.

Lang Synes, by Mr. . . . . ns, and . . . .  
(ar).



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 TWENTY-SEVENTH CLASS, JUNE, 1890.

*AMY MARIA ALDRICH (A), . . . . .	Westborough.
CHILDREN'S FEARS.	
EMMA SUSIE BARRETT (A), . . . . .	Worcester.
THE BOSTON CONFERENCE ON PHYSICAL TRAINING.	
MATTIE JOSEPHINE BLACK (A), . . . . .	Worcester.
MANUAL TRAINING.	
EMMA JANE COOPER, . . . . .	Worcester.
WOMEN AS TEACHERS.	
ANNA GERTRUDE CULLEN (A), . . . . .	Worcester.
GARDEN-WORK IN SCHOOLS.	
*MAUD ELIZABETH DAVIS (A), . . . . .	Holden.
BRYCE'S "AMERICAN COMMONWEALTHS."	
KATHLINE ELIZABETH DWYER (A), . . . . .	Worcester.
DR. HALL'S "HOW TO TEACH READING."	
*HARRIET ALMIRA GREENE (A), . . . . .	Wrentham.
RESOURCES OF A DISTRICT SCHOOL.	
*LUTA BELLE LINCOLN (A), . . . . .	Worcester.
CHILDHOOD OF GEORGE SAND.	
CHARLOTTE MCFARLAND (A), . . . . .	Worcester.
LOUISA ALCOTT'S CHILDHOOD.	
ANNIE TERESA McGRATH (A), . . . . .	Worcester.
MEMORIES OF FIRST YEARS OF LIFE.	
*MARY CATHERINE O'CONNOR (A), . . . . .	Worcester.
"ROBINSON CRUSOE" AS A SCHOOL-BOOK.	
MARY HELEN ROGERS (A), . . . . .	Holden.
FITCH'S "NOTES ON AMERICAN SCHOOLS."	
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THE SPIRIT OF THE TEACHER.	
*FLORENCE LOUISE SEAGRAVE (A), . . . . .	Uxbridge.
THE "ORBIS PICTUS" OF COMENIUS.	
EDITH MARIA STUDLEY (A), . . . . .	Worcester.
OUT OF SCHOOL.	
*NELLIE DASCOMBE TEMPLE (A), . . . . .	Gardner.
BLACKBOARD DRAWING.	
FLORENCE HELEN TOWNE (A), . . . . .	Mendon.
SCHOOL PUNISHMENTS HISTORICALLY CONSIDERED.	

---

## AFTERNOON.

BEGINNING AT QUARTER-PAST TWO O'CLOCK.

SINGING, — "Morning Invitation," . . . . . *Teazie*.

### VALEDICTORY, — TWENTY-SIXTH CLASS.

FLORENCE MALBONE DODGE (A), . . . . . Worcester,  
THE USE OF THE DICTIONARY.

### VALEDICTORY, — TWENTY-SEVENTH CLASS.

MATTIE JOSEPHINE BLACK (A), . . . . . Worcester.  
MANUAL TRAINING.

## AWARD OF DIPLOMAS.

SINGING, — Old English Songs (learned by ear and sung in unison) :

1. "Black-eyed Susan" (words by Gay; tune by Richard Leveridge).
2. "Begone, Dull Care!" (Chappell.)

## ANNIVERSARY ADDRESS.

By Mrs. ALICE FREEMAN PALMER, Ph.D., Ex-President of Wellesley College.

SINGING, — "Auld Lang Syne" (arranged by Mr. C. C. Stearns, and learned by ear).



## LAST REPORT OF THE STATE BOARD OF VISITORS CONCERNING THE WORCESTER SCHOOL.

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[ *From the Fifty-fourth Annual Report of the Board of Education.* ]

---

The visitors have but little that is new to report concerning this school. They are always struck, however, with a certain fresh and buoyant life that pervades its discipline and instruction, with the cheerful industry of the pupils, and with their spontaneous and natural ways of doing their work from hour to hour. There is no hurry or confusion, and there is, to all appearance, a remarkable absence of worry. The visitors, however, do not base their judgment solely upon the prepossessing demeanor of the school as casually seen. The testimony of graduates more than confirms the favorable impression above described. Not only do they carry away with them grateful and affectionate memories of their life here, but the verdict of their mature judgment, after the severe tests of experience, is practically unanimous in favor of the intellectual, social and moral influences of the school. These influences, moreover, are plainly seen in the work of the graduates themselves. One who follows them into the school-room soon discovers that they are animated with the genuine love of teaching, that they shrink from no labor or pains, and that their art is informed and guided by enthusiasm, intelligence and good sense. Their frequent letters to the principal are filled with interesting details of their work, particularly their dealings with individual pupils, and show that they have been effectively trained to recognize the great principle that the school exists for the pupils, not the pupils for the school.

### INSTRUCTORS.

The visitors are glad to report that there has been no change in the faculty during the year. The principal enjoys the confidence of all his associates, and has their cheerful co-operation in every detail as well as in the general policy of his manifold duties. The daily programme is so arranged that one teacher is free each hour to receive visitors, or to take charge of any class whose instructor may be temporarily absent.



vines, mostly the work of teachers and students on the semi-annual arbor days. But there is still need of fertilizing and grading the whole surface of the lot, and of laying out paths. The striking and unusual natural advantages of these grounds should not go unimproved, especially in a rapidly growing city, where public attention is so much awake to the necessity of providing betimes for the future beauty and salubrity of its open-air tracts and spaces.

#### THE LIBRARY AND ITS USE.

The visitors are pleased to note the gradual increase of the library, especially in standard works of reference. The books are distributed through all the working-rooms of the building, and no restriction whatever is placed upon their constant use. Moreover, they are freely lent to students to take home every vacation and holiday, a privilege highly prized by most of the students. It may be added that in this unrestricted use of the library not a half-dozen volumes have ever been lost.

#### THE STUDY OF CHILDREN.

The systematic observation of children, begun in this school about five years ago, and since adopted in several other normal and training schools, goes on with unabated zeal, and with beneficial results that are plainly manifest. In addition to the lines of child-study heretofore pursued, there has been instituted this year a new class of observations relating specifically to exceptional or defective children.

Dr. Francis Warner of London has recently called attention to the fact that there are usually to be found in every school one or more children suffering from well-marked defects, bodily or mental, or both, who require from the teacher special care and encouragement, in order not to receive injury rather than benefit from school life. Every teacher of experience has known such cases. "Now, as to these wrong-brained children," says Dr. Warner, "they are worth helping." They are often misunderstood, and the mistake is made, especially by young teachers, of using undue urgency or force to bring them into relations of equality and unity with the rest of the school. The disturbances which attend the effort to classify these unfortunate children with those of the normal type may be greatly lessened and often wholly avoided by treating them frankly as exceptional, by studying their peculiarities, gaining their confidence through sympathy and kindness, and gradually drawing them by gentle means towards such useful activities as they are capable of. To aid our students in preparing for this delicate part of their future work, blanks have been prepared for recording full and systematic observations of this class of children. The object in view, however, is not so much to gather facts, though these are always interesting and usually valuable, as to bring the observers into an

attitude of intelligent and humane sympathy with exceptional children and so to open up better ways of dealing with them in school. The salutary effects that might be expected to flow from this sort of study are already beginning to appear in our students, and we feel encouraged to go on with it

#### PRACTICE.

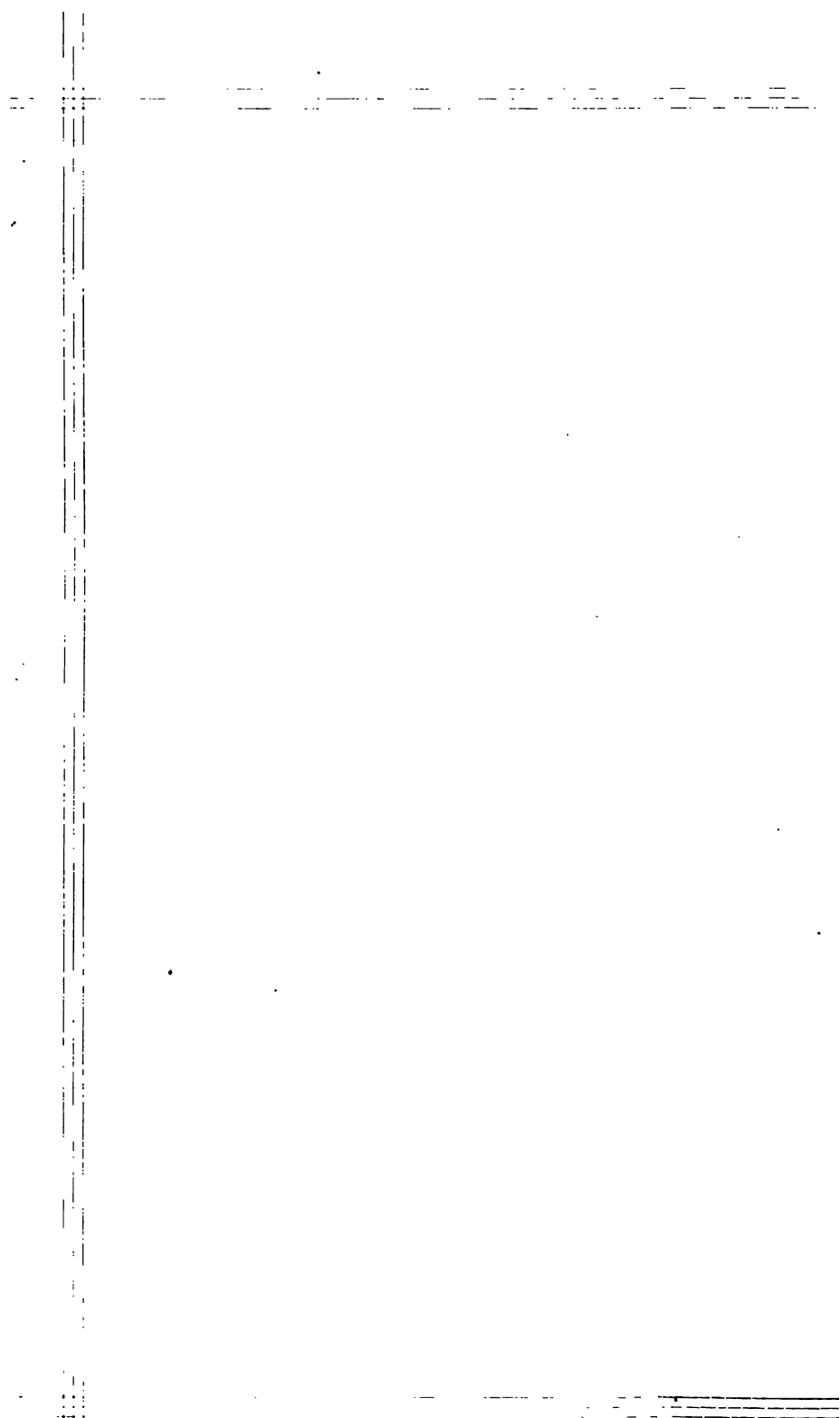
It goes without saying that the learning of any art demands practice, and certainly the art of managing and teaching a school is no exception to the rule. Hence it has come to be regarded as essential to the complete functions of a normal school to provide something akin to the clinical feature of medical training, whereby the student may test and improve his practical abilities in the actual teaching of children in school. The location of this school in one of the large cities of the Commonwealth was early seen to offer many advantages for this necessary part of normal training, and a plan was devised and put in operation which has been fully described in former reports and in our annual catalogue, under the name of "Apprenticeship."

After a year and a half of normal school work the student may be assigned to service as an assistant to some approved teacher in the public schools of the city, under the joint supervision of the superintendent of schools and the faculty of the normal school. This apprenticeship lasts for six months, covering several grades of school work, and offers an excellent opportunity for the student to become familiar with the details of management and instruction, as well as to try her hand at real teaching. After this experience, another half-year at the normal school completes the course. No feature of our training has received more unanimous and emphatic approval than this, not only from outside observers, but especially from those who have passed through it, and whose subsequent experience as teachers has enabled them justly to estimate its benefits.

It should be added that the apprenticeship is optional, and that it lengthens by a half-year the pupil's stay in the normal school; but the great majority of our students, even those who have previously taught schools of their own, elect it as part of their course, and, as above stated, with lasting satisfaction.

#### THE PROPOSED DWELLING-HOUSE AND DORMITORY.

The last Legislature was petitioned by the visitors of this school to appropriate a sufficient sum of money to build upon the grounds a dwelling-house for the principal. The suggestion was also made that a dormitory of moderate size would soon become necessary for the proper accommodation of students from out of town, and that this might be advantageously built at the same time. The legislative committee on education



SIXTEENTH ANNIVERSARY

OF THE

MASSACHUSETTS

STATE NORMAL SCHOOL

AT WORCESTER.

PROGRAMME.

*THURSDAY, JUNE 26, 1890.*

## FORENOON.

BEGINNING AT HALF-PAST NINE O'CLOCK.

SINGING, — "Praise thou the Lord."

## READING OF THE THESES.

## TWENTY-SIXTH CLASS, JANUARY, 1890.

\*MAUD SOPHIE BOSWORTH (A), . . . . . Worcester.

OUR GRADUATES' LETTERS.

\*HERBERT EUGENE BUXTON, . . . . . Ashford, Conn.

OCCUPATION OF PUPILS OUT OF SCHOOL.

FLORA BROWNING CHAMBERLAIN (A), . . . . . Worcester.

BOY NATURE ACCORDING TO MARK TWAIN.

FLORENCE MALBONE DODGE (A), . . . . . Worcester.

THE USE OF THE DICTIONARY.

\*ALICE GERTRUDE DRAPER (A), . . . . . Worcester.

EARLY SCHOOLS OF MASSACHUSETTS.

\*ALICE LITTLE EAMES (A), . . . . . Worcester.

EARLY EDUCATION OF JOHN STUART MILL.

ELIZABETH CHRISTINE FINN (A), . . . . . Worcester.

KING'S "METHODS AND AIDS IN GEOGRAPHY."

\*MARY AGNES FLYNN (A), . . . . . Worcester.

A VISIT TO THE INDUSTRIAL SCHOOLS OF BOSTON.

\*COSTELLA GERTRUDE GALE (A), . . . . . Guilford, Vt.

CAMPING OUT FOR GIRLS.

MARGARET JANE GARTLAND (A), . . . . . Worcester.

A VISIT TO THE LYMAN SCHOOL.

NOTE. — Not all the essays can be read in the time allotted to the exercises. The names of the readers are indicated by a star.

N. B. — Graduates whose names are marked with (A) have, besides passing through the regular course of study, served for a half year as apprentices in the public schools of the city of Worcester.

MARY GERTRUDE GEARY (A), . . . . .	Worcester.
"HOW TO STUDY GEOGRAPHY."— <i>Parker.</i>	
MARY CATHERINE HENRY (A), . . . . .	Worcester.
OUR "POCKETS."	
ANNA MAY HEWETT (A), . . . . .	Worcester.
FIVE-MINUTE TALKS ON NATURAL HISTORY.	
LENA MAY HURLBUT (A), . . . . .	Richford, Vt.
OUR LIBRARY.	
HARRIET HOWE MAYNARD, . . . . .	Townsend.
DEFECTS IN THE EDUCATION OF AMERICAN GIRLS.	
ANNIE YORK MILLIKEN (A), . . . . .	Worcester.
CONTINUED INTEREST IN THE SAME PLAY.	
ANNA GRACE MOORE (A), . . . . .	Worcester.
GROWTH OF THE KINDERGARTEN IN THE UNITED STATES.	
AMY MURRAY (A), . . . . .	Worcester.
"BUTS."	
*RUPERT HENRY MURRAY, . . . . .	Worcester.
THE DEMAND FOR TEACHERS AND THEIR SALARIES IN MASSACHUSETTS.	
*KATE EVANS PARKER NEWHALL (A), . . . . .	Worcester.
HOW TO HELP CHILDREN STUDY.	
MINNIE PARTRIDGE, . . . . .	Medway.
EFFECT OF CLASSIC STORIES UPON CHILDREN.	
*JEANNETTE WITHERBY SCRUTON (A), . . . . .	Canton, N. Y.
A CONNECTICUT SCHOOL REPORT AND WHAT CAME OF IT.	
*ELLA LOUISE SMITH (A), . . . . .	Worcester.
THE ORDER OF INTEREST.	
*ANNIE LILIAN SULLIVAN (A), . . . . .	Worcester.
WORDSWORTH'S ESTIMATE OF THE CHILD.	
MARY ELEANOR WHITTY (A), . . . . .	Fitchburg.
KLEMM'S "EUROPEAN SCHOOLS."	
MARY EMMA WILLIAMS, . . . . .	Webster.
NATIVE EDUCATION AMONG THE INDIANS.	
RECESS,—FIVE MINUTES.	

SINGING,—Part Songs, . . . . . *Franz Abt.*  
 (a) Waltz Song.  
 (b) Marching Song.



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FLORENCE HELEN TOWNE (A), . . . . .	Mendon.
SCHOOL PUNISHMENTS HISTORICALLY CONSIDERED.	

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## AFTERNOON.

BEGINNING AT QUARTER-PAST TWO O'CLOCK.

SINGING, — "Morning Invitation," . . . . . *Veazie.*

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The visitors are glad to report that there has been no change in the faculty during the year. The principal enjoys the confidence of all his associates, and has their cheerful co-operation in every detail as well as in the general policy of his manifold duties. The daily programme is so arranged that one teacher is free each hour to receive visitors, or to take charge of any class whose instructor may be temporarily absent.

### STUDENTS.

The students as a body are well up to the high standard that has always been maintained in this school. A clear majority in the entering classes are graduates of high schools, and a considerable number have had successful experience as teachers.

The plan of granting temporary leave of absence to such as may desire for any reason to interrupt their course for the purpose of teaching has been followed here for years with excellent results. It seasons theory with practice, and the pupil comes back with a better understanding of the aims and methods of the normal school, and with a sharper appetite for the advantages of its training. The only drawback is, that occasionally, though seldom, a pupil is tempted to stay out too long; but such cases are generally those of inferior ambition, so that the loss to the school is not great.

Our students need many suggestions with regard to their duties, but they require very little "government," in the old-fashioned school sense of the word. They easily catch the spirit of all needful regulations, and their small lapses are due to temperament, almost never to wrong intention. In fact, they are in far less need of repression than of encouragement to greater freedom and frankness of behavior.

### GRADUATES.

There has never been so widespread and eager a demand for our graduates as during the past year. In towns where one or two had been employed, more have been asked for; and requests have come from places where hitherto the feeling has been rather against normal graduates. So far as we know, not one of our recent graduates has sought an engagement through any teachers' agency, while several such agencies have appealed to us in vain to name candidates for "desirable positions." Our two annual classes (January and June) numbered together forty-four members. Before the end of October (1890) not a single candidate was available for vacancies outside the city of Worcester, and many applications had consequently to be declined. The visitors regard these facts as highly creditable to the school, especially when it is remembered that this is the youngest normal school in the State, and that its first class was graduated only fourteen years ago.

### BUILDING AND GROUNDS.

The building, which has proved convenient and serviceable for sixteen years, is now in need of some repairs, particularly of replastering, repainting, etc., and a special appropriation for this purpose will soon have to be asked for. The grounds have been much improved during the last three or four years by the planting of hundreds of trees, shrubs and

vines, mostly the work of teachers and students on the semi-annual arbor days. But there is still need of fertilizing and grading the whole surface of the lot, and of laying out paths. The striking and unusual natural advantages of these grounds should not go unimproved, especially in a rapidly growing city, where public attention is so much awake to the necessity of providing betimes for the future beauty and salubrity of its open-air tracts and spaces.

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#### THE STUDY OF CHILDREN.

The systematic observation of children, begun in this school about five years ago, and since adopted in several other normal and training schools, goes on with unabated zeal, and with beneficial results that are plainly manifest. In addition to the lines of child-study heretofore pursued, there has been instituted this year a new class of observations relating specifically to exceptional or defective children.

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attitude of intelligent and humane sympathy with exceptional children, and so to open up better ways of dealing with them in school. The salutary effects that might be expected to flow from this sort of study are already beginning to appear in our students, and we feel encouraged to go on with it.

### PRACTICE.

It goes without saying that the learning of any art demands practice, and certainly the art of managing and teaching a school is no exception to the rule. Hence it has come to be regarded as essential to the complete functions of a normal school to provide something akin to the clinical feature of medical training, whereby the student may test and improve his practical abilities in the actual teaching of children in school. The location of this school in one of the large cities of the Commonwealth was early seen to offer many advantages for this necessary part of normal training, and a plan was devised and put in operation which has been fully described in former reports and in our annual catalogue, under the name of "Apprenticeship."

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### THE PROPOSED DWELLING-HOUSE AND DORMITORY.

The last Legislature was petitioned by the visitors of this school to appropriate a sufficient sum of money to build upon the grounds a dwelling-house for the principal. The suggestion was also made that a dormitory of moderate size would soon become necessary for the proper accommodation of students from out of town, and that this might be advantageously built at the same time. The legislative committee on education

reported favorably upon the petition, and recommended an appropriation of fifteen thousand dollars for the dwelling-house and dormitory. The committee on finance, however, reported in favor of referring the matter to the Legislature of 1891, and it was so referred.

The advantages of thus increasing the accommodations of the school are obvious. There is need of having some better protection and oversight of the premises than can now be exercised, especially in vacation time; and the public convenience, particularly the convenience of school committees and superintendents in search of teachers, requires that the principal should be more accessible to visitors than now, when he is compelled to reside at a considerable distance from the school. There is also a growing necessity for providing suitable lodgings for students who have no home in the city, as well as for such teachers as would be glad to obtain comfortable quarters near the school. This need is all the more felt from the fact that the normal school is situated at a distance from the centre of the city, and off the line of public conveyances. In a word, the attractiveness, security and efficiency of the school would all be greatly increased by such an addition to its facilities as is above proposed, and it is earnestly hoped that the Legislature of the present year will make the appropriation needed to put the Worcester school on an equal footing in this respect with the other normal schools of the State.

#### ACKNOWLEDGMENTS.

We are under great obligations to Mrs. Alice Freeman Palmer, who, in the midst of many pressing duties, came with great willingness to our anniversary, and gave a most acceptable address. Many friends, especially our graduates, singly and as classes, have remembered the school with timely and valuable gifts, all of which are duly acknowledged in our annual catalogue.

#### STATISTICS FOR THE YEAR 1889-90.

1. Numbers: number of pupils in the first term, 155; number of pupils in the second term, 149; whole number of pupils in attendance during the year, 196.
2. Numbers in entering classes: in September, 1889, 31; in February, 1890, 28; total, 59.
3. Average age of pupils admitted: in September, 1889, nineteen years, one month; in February, 1890, nineteen years, four months.
4. Of those admitted there were: from Worcester County, 51; Berkshire County, 1; Bristol County, 1; Franklin County, 2; Middlesex County, 1; Suffolk County, 1; Maine, 1; New Hampshire, 1; total, 59.
5. Occupations of pupils' parents: professional, 3; mercantile, 6; skilled labor, 32; unskilled labor, 17; unknown, 1; total, 59.

6. Numbers in graduating classes: in January, 1890, 26; in June, 1890, 18; total, 44.

7. Average age of graduates: in January, 1890, twenty-two years, two months; in June, 1890, twenty-one years, five months.

8. The library: Reference department,—number of volumes reported last year, 2,487; number of volumes added this year, 207; number of volumes now in reference department, 2,694. Text-book department,—number of volumes reported last year, 4,920; number of volumes lost, 3; number of volumes transferred to reference library, 2; number of volumes sold or exchanged as superseded, 500; number of volumes added this year, 200; number of volumes now in text-book department, 4,648. Total number of volumes in both departments, 7,342.



## GIFTS.

The following gifts are gratefully acknowledged : —

From James Draper, Esq., as heretofore, nearly one hundred trees, shrubs and vines for planting in the school grounds.

From Miss Elizabeth A. R. Daniels, a cabinet specimen of sulphides of copper and iron.

From Miss Juliet Porter, Cooke and Berkeley's "Fungi," and a live striped squirrel (*sciurus striatus*).

From Benjamin J. Dodge, Esq., Larned's "History of Windham County, Conn.," two volumes.

From Dr. and Mrs. Nathan A. Cobb, a box of architectural models for children.

From Miss Bertha M. Stone, a live striped squirrel (*sciurus striatus*).

From Franklin H. Hooper, M.D., six copies of his monograph on "Adenoid Vegetations in Children."

From Miss Julia A. Hill, a specimen of the "towel gourd" (*Luffa Egyptiaca*).

From Misses Marietta and Abbie C. Knight, seven specimens of granite and sandstone.

From Miss Agnes R. Stewart, a collection of photographs by herself.

From the Worcester Woman's Suffrage League, a copy of "The Woman's Journal" for one year.

From Miss Helen L. Osborne, typical parts of a swordfish.

From Messrs. Walter Baker & Co., a copy of "The Chocolate Plant and its Products."

From Mr. Henry W. Brown, several pamphlets and volumes for the library.

From Miss Ellen M. Haskell, Thwaites' "Historic Waterways."

From Mrs. A. G. Cochrane, an ornithological specimen for the museum, and a pamphlet in raised letters for the use of the blind.

QUESTIONS USED AT THE ENTRANCE EXAMINATION (WRITTEN  
PART), FEB. 5 AND 6, 1891.

The questions are printed merely to indicate, in a general way, to those who may be preparing to enter the school, something of the standard required for admission.

School committees, teachers and others may receive copies of the examination questions regularly by applying to the principal.

**UNITED STATES HISTORY.**

1. What change was made in the government of Massachusetts when the new charter was granted?
2. Give an account of the Siege of Boston.
3. What were the boundaries of the United States as defined by the treaty at the close of the War of Independence?  
[Draw a map to illustrate what you say.]
4. What change was made in the Constitution after the Civil War?
5. Name five men who have been distinguished as statesmen, and say something of each.
6. Mention any historical works that you have read besides your school histories.

**GRAMMAR.**

I wandered, lonely as a cloud  
That floats on high o'er vale and hills,  
When suddenly I saw a crowd,  
A host of golden daffodils,  
Beside the lake, beneath the trees,  
Fluttering and dancing in the breeze.

1. What kind of a sentence is the above?
2. Name the clauses and tell of what kind each clause is?

3. Parse "lonely;" "cloud;" "fluttering."
4. Point out a phrase and tell what a phrase is.
5. Change nominatives and possessives to the plural number in the following sentences and write the sentences correctly: —  
The lady's daughter skates well.  
My brother's farm was sold yesterday.
6. Change the following sentences so as to express past time: —  
The cat lies on the rug.  
The hen lays an egg.
7. Write sentences containing the word "near" used as (1) an adjective; (2) an adverb; (3) a preposition.
8. Change the voice of the verb in the sentence: "His friends all laughed at him."
9. Use in a sentence the infinitive as the object of a verb.

#### GEOGRAPHY.

- 1-4. On the outline map of Africa furnished you, write the names of the following: —
  1. The countries.
  2. The rivers and lakes.
  3. The coast waters.
  4. The productions.
5. Choose two: —
  - (a) Name a few of the natural advantages and disadvantages which Worcester has for the business carried on here.
  - (b) Name three cities and state their natural advantages.
  - (c) Name three important railroads and give their location.
  - (d) Name and locate two canals.
6. Name five exports of South America and name the country from which each is sent.
7. Choose two: —
  - (a) Compare the areas of any two States or countries.
  - (b) Compare the population of any two States, countries or cities.
  - (c) Estimate the distance between any two cities outside of New England.

8. Choose two : —

- (a) How wide is the North Temperate Zone?
- (b) What are the equinoxes?
- (c) What use can be made of the scale of a map?
- (d) How far apart are two cities in our latitude if when it is noon in the first it is one o'clock in the second? In which direction is the second city from the first?

9. Choose two : —

- (a) What are isothermal lines? Where are they curved? Why?
- (b) What are the trade winds? From what direction and in what latitudes do they blow?
- (c) In the temperate regions which is warmer, the eastern or the western side of a continent? Why?
- (d) Name and locate any ocean currents.

#### ARITHMETIC.

1. (a) How many cubic inches in a gallon?  
(b) How many inches in a meter?  
(c) One hour in time corresponds to how many degrees in longitude?  
(d) Which is heavier, 1 lb. troy or 1 lb. avoirdupois?  
(e) How many units in a score?
2. Find the square root of 499849.
3. Write an interest-bearing negotiable note for \$1,000 payable in 60 days.
4. The whole distance around a rectangular field is 200 rds., and its width is  $\frac{2}{3}$  of its length. What is its area?
5. A grocer bought three bags of coffee, the first weighing 108 lbs. 12 oz., the second 96 lbs. 8 oz., the third 120 lbs. 2 oz. The cost was \$130.15. What was the cost per cwt.?
6. How is the greatest common divisor of two numbers found?
7. A room 20 ft. long and 16 ft. wide is carpeted with matting 1 yd. wide, at \$.37 $\frac{1}{2}$  a yard. What is the cost?
8. A, B and C go into trade. A puts in \$5,000 for 6 months, B \$7,000 for 8 months and C \$9,000 for 10 months. They gain \$7,040. What is each one's share?

## 9. Solve by proportion : —

Thirty sailors have enough provisions to last 4 months. How long will it last 20 men?

**SPELLING.**

- |                   |                 |
|-------------------|-----------------|
| 1. intelligible   | 19. emanating   |
| 2. soothe         | 20. retrieve    |
| 3. flattery       | 21. sieve       |
| 4. lose           | 22. incarcerate |
| 5. comparative    | 23. usefulness  |
| 6. definite       | 24. iridescent  |
| 7. arranging      | 25. phenomenon  |
| 8. participle     | 26. proportion  |
| 9. curriculum     | 27. modifies    |
| 10. repetition    | 28. preposition |
| 11. vertical      | 29. infinitive  |
| 12. appalling     | 30. etymology   |
| 13. viaduct       | 31. labyrinth   |
| 14. indispensable | 32. clique      |
| 15. bruising      | 33. precede     |
| 16. Rio Janeiro   | 34. proceed     |
| 17. Caribbean     | 35. diphtheria  |
| 18. supersede     | 36. deficiency  |

ANNIVERSARY ADDRESSES HAVE BEEN GIVEN BY THE  
FOLLOWING PERSONS.

- In 1877, by William T. Harris, LL.D., of St. Louis.
- In 1878, by Rev. Thomas Hill, D.D., of Portland, Me.
- In 1879, by Alexander H. Rice, LL.D., of Boston.
- In 1880, by Mrs. Julia Ward Howe of Boston.
- In 1881, by Rev. Francis Tiffany of West Newton.
- In 1882, by Hon. James W. Patterson, LL.D., of Hanover, N. H.
- In 1883, by Mrs. Ednah D. Cheney of Boston.
- In 1884, by Prof. G. Stanley Hall, Ph.D., of Baltimore.
- In 1885, by Prof. Albert Harkness, LL.D., of Providence, R. I.
- In 1886, by Charles Dudley Warner of Hartford, Conn.
- In 1887, by Edward S. Morse, Ph.D., of Salem.
- In 1888, by John Fiske of Cambridge.
- In 1889, by Francis A. Walker, LL.D., of Boston.
- In 1890, by Mrs. Alice Freeman Palmer of Cambridge.

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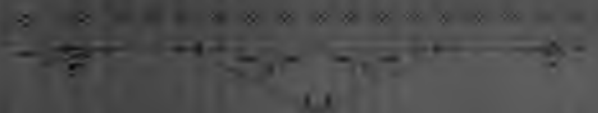


MASSACHUSETTS

STATE NORMAL SCHOOL

AT WORCESTER.

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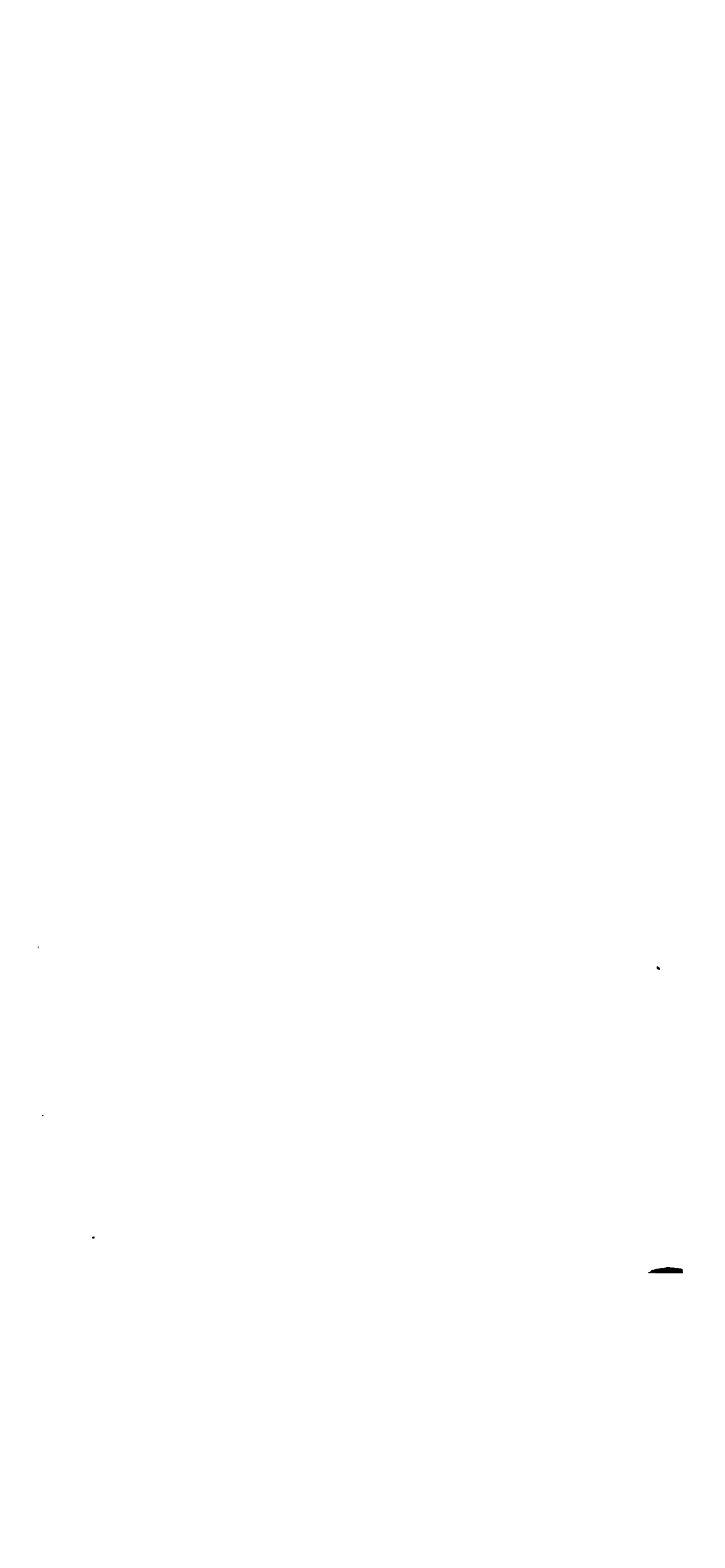
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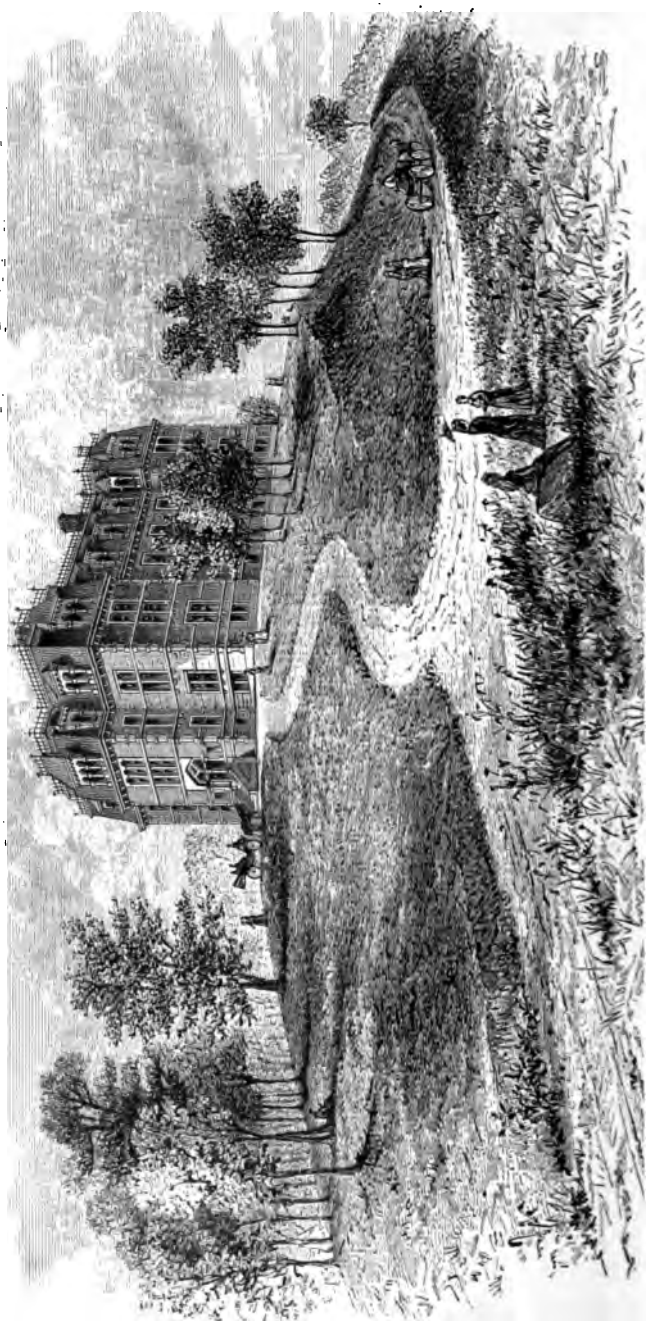
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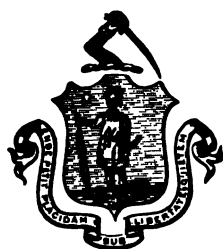




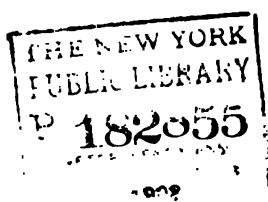
MASSACHUSETTS  
STATE NORMAL SCHOOL  
AT WORCESTER.

Catalogue and Circular.

EIGHTEENTH YEAR, 1892.



BOSTON :  
WRIGHT & POTTER PRINTING CO., STATE PRINTERS,  
18 POST OFFICE SQUARE.  
1892.



# STATE BOARD OF EDUCATION.

ESTABLISHED IN 1837.

## Ex Officio.

HIS EXCELLENCY WILLIAM E. RUSSELL, CAMBRIDGE.

HIS HONOR WILLIAM H. HAILE, SPRINGFIELD.

## By Appointment.

	TERM EXPIRES
ALONZO A. MINER, . . . Boston, . . .	May 25, 1893.
Mrs. ALICE FREEMAN PALMER, Cambridge, . . .	May 25, 1894.
ADMIRAL P. STONE, . . . Springfield, . . .	May 25, 1895.
Mrs. KATE GANNETT WELLS, Boston, . . .	May 25, 1896.
MILTON B. WHITNEY, . . . Westfield, . . .	May 25, 1897.
GEORGE I. ALDRICH, . . . Quincy, . . .	May 25, 1898.
ELMER H. CAPEN, . . . Medford, . . .	May 25, 1899.
ELIJAH B. STODDARD, . . . Worcester, . . .	May 25, 1900.

## SECRETARY.

JOHN W. DICKINSON, . . . . . Newton.

## ASSISTANT SECRETARY AND TREASURER.

C. B. TILLINGHAST, . . . . . Boston.

## AGENTS.

GEORGE A. WALTON, . . . . .	West Newton.
GEORGE H. MARTIN, . . . . .	Bridgewater.
JOHN T. PRINCE, . . . . .	Newtonville.
ANDREW W. EDSON, . . . . .	Worcester.
G. T. FLETCHER, . . . . .	Northampton.
HENRY T. BAILEY, . . . . .	North Scituate.



Vacations and Holidays marked by Full-face Figures.

◁1892.▷

**JULY.**

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**AUGUST.**

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**DECEMBER.**

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◁1893.▷

**JANUARY.**

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**FEBRUARY.**

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**MARCH.**

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**MAY.**

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**JUNE.**

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## THE CALENDAR.

(SEE OPPOSITE PAGE.)

NINETEENTH SCHOOL YEAR, 1892-93.

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### FIRST (FALL) TERM, 1892.

September 8, Thursday, . . . . .	Entrance examination begins.
October 26, Wednesday, . . . . .	Autumn Arbor Day.
November 21 to November 29, . . . . .	Mid-term recess.
January 26, 1893, Thursday, . . . . .	First term ends.

WINTER VACATION, ONE WEEK.

### SECOND (SPRING) TERM, 1893.

February 2, Thursday, . . . . .	Entrance examination begins.
April 6, Thursday, . . . . .	Fast Day.
April 17 to April 25, . . . . .	Mid-term recess.
April 26, Wednesday, . . . . .	Spring Arbor Day.
May 30, Tuesday, . . . . .	Memorial Day.
June 22, Thursday, . . . . .	School year ends.

SUMMER VACATION, ELEVEN WEEKS.

Twentieth school year (1893-94) begins with entrance examination on Thursday, Sept. 7, 1893.

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### SPECIAL NOTICE.

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Examinations for admission to the school are held twice a year, at the beginning of each term, — *and at no other time.* (See “Requirements for Admission,” page 16.)

Exercises of graduation occur once a year only, — namely, on the last day of the summer term, — and are always open to the public.

There is no session of the school on Monday. On other days the hours are from nine o'clock to four, with an intermission of an hour at noon.

Communications may be addressed to the principal, 1 Normal Street, or to Hon. E. B. Stoddard, 15 Ashland Street.

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## TEACHERS.

---

E. HARLOW RUSSELL, *Principal.*

MISS REBECCA JONES.

CHARLES F. ADAMS.

MISS JULIET PORTER.

HENRY W. BROWN.

MISS HELEN F. MARSH.

MISS ELLEN M. HASKELL.

MRS. MARION J. SUMNER.

MISS ARABELLA H. TUCKER.

MISS ANNA G. FOLEY.

---

JOHN CRON, . . . *Janitor.*

---

## ADDRESSES.

---

The school has been favored with addresses during the year by the following persons : —

REV. E. B. ANDREWS, D.D.

*(Anniversary Address.)*

MISS MARION HAMILTON CARTER,

MR. JOHN ALBEE.

MISS SARA E. WILTSE.

MR. T. L. BOLTON.

MR. HENRY T. BAILEY.

# STUDENTS.

## PURSUIING POST-GRADUATE STUDIES.

N. B. — Students whose names are marked with (A) have, besides passing through the regular course of study, served for a half-year as apprentices (see p. 20) in the public schools of the city of Worcester.

Carrie Maria Bunce (A), . . . . .	Worcester.
Elida Maria Capen (A), . . . . .	Charlton.
Ida Louise Gaskill, . . . . .	Blackstone.
Huldah Jane Gibson (A), . . . . .	Worcester.
Jeannette Morrill (A) . . . . .	Benton, N. H.
Mary Catherine O'Connor (A), . . . . .	Worcester.
Helen Louise Osborn (A), . . . . .	Worcester.
Kate Evans Parker (A), . . . . .	Worcester.
Elizabeth Adelaide Potter, . . . . .	Southbridge.
Jeannette Witherby Scruton (A), . . . . .	Canton, N. Y.
Flora Addie Strong, . . . . .	Starksborough, Vt.
Mrs. J. O. Emanuel Trotz (A), . . . . .	Worcester.
Nellie Jane Wattie (A), . . . . .	Worcester.
Mrs. Benjamin Whitmore (A), . . . . .	Worcester.

## FIRST CLASS, JANUARY, 1892.

Sarah Emma Barrett (A), . . . . .	Barre.
Addie May Blanchard (A), . . . . .	North Uxbridge.
Mabel Rice Brooks (A) . . . . .	Ashby.
Elizabeth Loretta Carmody (A), . . . . .	Worcester.
Anna Pauline Cummings (A), . . . . .	Worcester.
Rose Gertrude Doherty (A), . . . . .	Worcester.
Annie Edith Goldthwaite (A), . . . . .	Uxbridge.
Alice Christina Heaphy (A), . . . . .	Worcester.
Julia Annie Hill (A), . . . . .	Charlestown.
Mary Leathers (A) . . . . .	Barre.
Louisa Christina Lof (A), . . . . .	Worcester.
Effie Rilla Putnam, . . . . .	Sutton.
Katherine Sayle (A), . . . . .	Worcester.
Katie Frances Simonds (A), . . . . .	Ashby.
Mary Grace Stalker (A), . . . . .	Worcester.
Sarah Carr Wilder (A), . . . . .	Spencer.
Lura Augusta Wiley (A), . . . . .	Hardwick.

## FIRST CLASS, JUNE, 1892.

Lena Roxanna Adams (A),	North Brookfield.
Serena Belle Adams (A),	Stockbridge.
Nina Frances Blanchard (A),	Worcester.
Mary Frances Crane (A),	Worcester.
Margaret Loretta Cunningham (A),	Worcester.
Mary Ursula Day (A),	Worcester.
Effie Blanche Draper (A),	Worcester.
Emma Elizabeth Greene (A),	Worcester.
Elizabeth Anna Hagerty (A),	Worcester.
Mary Abbott Holt,	Norway, Me.
Ella LeBeau (A),	Fall River.
Anna Maria Littlefield (A),	Worcester.
Cora Lillis Morse A	Worcester.
Abigail Frary Newton (A),	Greenfield.
Edith Gertrude Newton,	Westminster.
Rebecca Louise Nield (A),	Millbury.
Annie Belle Parker (A),	Worcester.
Emily Beverly Pellet (A),	Worcester.
Ida Louise Stevens,	Worcester.

## APPRENTICES.

Julia Theresa Adrian,	Worcester.
Grace Lyon Backus,	Chaplin, Conn.
Saraetta Ballou	Uxbridge.
Louise Maria Bray,	Boylston.
Annie Elizabeth Clancy,	Worcester.
Mary Catherine Clarke,	Worcester.
Florence Lane Cota,	New Braintree.
Ellen Agnes Courtney,	Worcester.
Alice Louise Day,	Worcester.
Alice Mary Day,	Worcester.
Nellie Maria Devlin,	Worcester.
Margaret Agnes Donnelly,	Worcester.
Emily Frances Fagan,	Webster.
Mary Julia Haas,	Shrewsbury.
Mary Eloise Hardy,	Worcester.
Anna Tracey Hickey,	Worcester.
Alice Jane Hildreth,	Worcester.
Bertha Josephine Hopkins,	Worcester.
Rose Eva Keenan,	Stoneham.
Mary Agnes Maroney,	Worcester.
Ellen Teresa McGillicuddy,	Worcester.
Martha Eveline Peck,	Rowe.

Catherine Regan, . . . . .	Gardner.
Mary Louise Scott, . . . . .	Worcester.
Margaret Blanche Toole, . . . . .	Worcester.
Minnie Luetta Upham, . . . . .	Gardner.

## SECOND CLASS.

Margaret Teresa Brown, . . . . .	Millbury.
Mary Elizabeth Cody, . . . . .	Worcester.
Anna Elizabeth Conlon, . . . . .	Worcester.
Cornelia Vinson Davis . . . . .	Worcester.
Isabella Gertrude Digglins, . . . . .	Worcester.
Harriet Adelaide Foley . . . . .	Worcester.
Grace Lenora Geer . . . . .	Worcester.
Annie Matilda Harrington, . . . . .	Paxton.
Olive Isabel Harris, . . . . .	Worcester.
Mary Eleanor Higgins, . . . . .	Worcester.
Grace Agnes Hutchins, . . . . .	Templeton.
Myrtis Isabel Kirby . . . . .	Paxton.
Mary Alice Loring, . . . . .	Westborough.
Julia Agnes Mary McCabe, . . . . .	Oxford.
Elizabeth Bernard McCourt, . . . . .	Worcester.
Catherine Louise McQuaid . . . . .	Worcester.
Mary Ellen Camilla O'Connell, . . . . .	Worcester.
Anne Morris Paine, . . . . .	Worcester.
Mary Gertrude Perry, . . . . .	Sutton.
Mary Ida Schultz, . . . . .	Worcester.
Grace Bangs Sawin, . . . . .	Athol.
Mildred Vincent, . . . . .	Charlton City.
Ina Adelaide Whitman, . . . . .	Marlborough.
Lucy Addie Whitney, . . . . .	Worcester.
Ethel Maria Woods, . . . . .	Worcester.

## THIRD CLASS.

Anna May Babcock, . . . . .	Worcester.
Sophia Elizabeth Belcher, . . . . .	Worcester.
Mabel Boomer Blanchard, . . . . .	Worcester.
Alice Josie Bunce, . . . . .	Worcester.
Abigail Elizabeth Callahan, . . . . .	Millbury.
Harriet Regina Chamberlin, . . . . .	Worcester.
Sarah Frances Cheney, . . . . .	Worcester.
Genevieve Bernardine Convery, . . . . .	Worcester.
Joanna Teresa Daly . . . . .	Worcester.
Catherine Theresa Degnan, . . . . .	Worcester.
Louise Julia Diemar, . . . . .	Worcester.
Katherine Gertrude Doon, . . . . .	Worcester.

Agnes Gertrude Duggan, . . . . .	Worcester.
Florence Rebecca Alberta Fairfield, . . . . .	West Boylston.
Minnie Louisa Fish, . . . . .	Worcester.
Margaret Elizabeth Flynn, . . . . .	Worcester.
Edith Elizabeth Gunn, . . . . .	Northbridge.
Anna Charlotte Harford, . . . . .	Worcester.
Jennie Melissa Keyes, . . . . .	West Dudley.
Catherine Matilda Lynch, . . . . .	West Boylston.
Amanda Murray McDonald, . . . . .	Worcester.
Emma Frances McDonald, . . . . .	Worcester.
Margaret Rose McGowan, . . . . .	Worcester.
Maria McLaughlin, . . . . .	Millbury.
Anna Maria McPartland, . . . . .	Leicester.
Marietta Matthews, . . . . .	Worcester.
Anna Mary Moran, . . . . .	Worcester.
Anne Gertrude Murphy, . . . . .	Worcester.
Annie Gertrude O'Day, . . . . .	Worcester.
Anastasia Leone O'Gorman, . . . . .	Worcester.
Helen Austina O'Gorman, . . . . .	Worcester.
Sara Elizabeth Pollard, . . . . .	Worcester.
Eliza Gallup Rawson, . . . . .	Worcester.
Louisa Amanda Scott, . . . . .	Worcester.
Ella Jane Thayer, . . . . .	Worcester.
Nancy Lillian Turner, . . . . .	Gardner.
Eva Rosa Walte, . . . . .	Worcester.
Alice Eudora Welch, . . . . .	Worcester.
Winifred Agnes Wheelock, . . . . .	Leicester.
Mary Ella Whitcomb, . . . . .	Worcester.
Sarah Ella Wilson, . . . . .	Worcester.

## FOURTH CLASS.

Bertha Frances Albee, . . . . .	Uxbridge.
Rose Anne Boyle, . . . . .	Worcester.
Annie Josephine Casey, . . . . .	Spencer.
Margaret Honora Casey, . . . . .	Worcester.
Grace Adell Chamberlain, . . . . .	East Jaffrey, N. H.
Mabel Susan Chamberlain, . . . . .	Worcester.
Edith Florence Chapin, . . . . .	Worcester.
Mabel Elma Colburn, . . . . .	Baldwin, Kansas.
Mary Helen Eaton, . . . . .	Woburn.
Annie Maud Gibbs, . . . . .	Biddeford, Me.
Agnes Margaret Hagerty, . . . . .	Worcester.
Hannah Elizabeth Harrington, . . . . .	Northbridge.
Frances Edna Joyce, . . . . .	Worcester.
Hannah Magdalen Kennedy, . . . . .	Worcester.

# STATE NORMAL SCHOOL AT WORCESTER.

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Sarah Elizabeth Kneeland,	Worcester.
Mary Evelyn Mack,	Millbury.
Isabella Stuart Marden,	Worcester.
Margaret Maria McAllister,	Leicester.
Hannah Teresa McDonnell,	Worcester.
Eliza Jane Meyers,	Worcester.
Maude Marion Monroe,	Spencer.
Catherine Pauline Mullany,	Worcester.
Lucy Elizabeth Naylor	Palmer.
Gertrude Agnes Nutting,	Gardner.
Maude Isabel Paige,	Shrewsbury.
Harriet Elizabeth Porter,	Louisville, Ky.
Elva Lizzette Powers	Gardner.
Joanna Frances Riordan,	Worcester.
Annie Maria Sheehan,	Millbury.
Julia Ann Sullivan,	Millbury.
Lillian Marion Sweetzer,	Erving.
Carrie Louisa Taft,	North Oxford.
Alice Catherine Tucker,	Shrewsbury.
Lizzie Mabel Vaughan	Thetford, Vt.
Catherine Agnes Walsh,	Worcester.
Jane Maria Wheeler,	Bolton.
Alice Stearns White,	Bolton.
Nancy Claflin Wood,	Mendon.
Florence Matilda Wright,	Worcester.

## SUMMARY OF NUMBERS.

Post-Graduates,	14
First Class, January, 1892,	17
First Class, June, 1892,	19
Apprentices,	26
Second Class,	25
Third Class,	41
Fourth Class,	39

Whole number of different pupils in attendance for the year 1891-92, 181

## STUDENTS TEMPORARILY ABSENT ON LEAVE.

Ada Eudora Aldrich,	Worcester.
Margaret Eleanor Ayers,	Shrewsbury.
Mabel Little Baldwin,	Andover, N. H.
Margaret Esther Callahan,	Millbury.
Katie Luthera Chapin,	Worcester.
Jessie Sophronia Clapp,	Worcester.
Annie Curran,	Grafton.



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Mary Elizabeth Davidson,	. . . . .	Millbury.
Cora Lena Dawes,	. . . . .	Leicester.
Mabel Florence Desper,	. . . . .	Barre.
Florence Alice Fassett,	. . . . .	St. Johnsbury, Vt.
Emma May Gallup,	. . . . .	Worcester.
Della Madge Hale,	. . . . .	Grafton.
Emma Ada Hopwood,	. . . . .	Worcester.
Gertrude Idella Johnson,	. . . . .	Coos, N. H.
Susie Hathorn Kelton,	. . . . .	East Hubbardston.
Florence Caroline King,	. . . . .	Worcester.
Gertrude Ethel Muzzy,	. . . . .	West Milan, N. H.
Mabel Ellsworth Osgood,	. . . . .	Barre.
Emma May Rawson,	. . . . .	Worcester.
Philip Russell,	. . . . .	Worcester.
Estella Alice Vaughan,	. . . . .	West Prescott.

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## CIRCULAR OF INFORMATION.

### HISTORICAL SKETCH.

The following extract, from the thirty-seventh annual report (1872-73) of the Board of Education, gives in outline a history of the establishment of this school: —

By the terms of a Resolve which went into effect on the twenty-fifth day of June, 1871, the Board of Education were authorized and required to establish a State Normal School in the city of Worcester; and the trustees of the Worcester Lunatic Hospital were authorized and required to convey to the Board of Education and its successors a tract of land of not more than five acres, to be located by the Governor and Council, within certain limits fixed in the Resolve. An appropriation of sixty thousand dollars was made, upon condition that the city of Worcester should pay the Board of Education for the purposes named in the Resolve the sum of fifteen thousand dollars. This condition was promptly complied with. The tract was located by the Governor and Council Sept. 2, 1871; and on the nineteenth day of September, 1871, the conveyance was made by the trustees of the hospital to the Board of Education and its successors in trust, as directed.

The tract of land located is upon Hospital Hill in Hospital Grove (formerly so called), within a short distance of the new Union Depot now in process of erection, — a point at which, when the railroad arrangements now in progress shall be completed, pupils residing on the line of either of the roads leading into the city of Worcester can arrive in season for the commencement of school each day, and take the cars to return after the school exercises are finished.

The exercises of dedication took place on Friday, Sept. 11, 1874; and on the following Tuesday (September 15) the school was opened to pupils.

### DESCRIPTION OF THE BUILDING.

The building is a large, three-story, massive structure, built of stone taken from the hill upon which it stands. Its position allows an extensive view of Worcester and its surroundings. From the

front steps one looks down through clumps of trees over the city lying spread within an inner circle of rolling country. The site, moreover, has all the advantages that light and air can give it. Though situated upon the outskirts of Worcester, it is not more than twenty minutes' walk from the Union Depot, wherein centre the various lines of railroad by which a large proportion of the pupils come in daily from their homes.

In its interior arrangement the building is spacious and well fitted to the educational needs of the school. On the first floor is a large corridor running the entire length of the building, and connecting the two entrances. On one side is a laboratory, and a room containing a well-equipped work-bench, and a carefully chosen collection of specimens specially illustrative of the work in natural science carried on in the adjoining room. On the other side is a lunch room, provided with tables and hot closets,—the place of rendezvous for probably seven-eighths of the pupils every day between the hours of twelve and one. In addition there are, on this floor, unusually large and commodious dressing-rooms. On the second story is the teachers' room, and from it a door opening upon the platform of the hall,—a room of exceptional dimensions, amply lighted, and well set off with busts of eminent men and with pictures, for the most part gifts of past graduating classes. On the sides are shelves containing carefully selected books of well-recognized value. The hall has several entrances, and it communicates directly with three recitation-rooms. Over against the entrance to the teachers' room is a room set apart and arranged for the comfort of such pupils as are taken ill, or in any way feel indisposed during school hours. Between the second and third floors there is a half-story containing class-rooms, and above this is a well-stocked model-room and the drawing-room, besides other spacious rooms intended, though not all at present used, for class-rooms. The building is heated by hot air as well as by steam. Special attention has been paid to ventilation, and to all that can tend to add to the health, comfort and best interests of the pupils.

#### AIM AND PURPOSE OF THE SCHOOL.

The Board of Education, by a vote passed May 6, 1880, stated the design of the school, and the course of studies for the State Normal School, as follows :—

The design of the normal school is strictly professional; that is, to prepare in the best possible manner the pupils for the work of organizing, governing and teaching the public schools of the Commonwealth.

To this end there must be the most thorough knowledge, first, of the branches of learning required to be taught in the schools; second, of the best methods of teaching these branches; and third, of right mental training.

The time of one course extends through a period of two years, of the other through a period of four years,\* and is divided into terms of twenty weeks each, with daily sessions of not less than five days each week.

### STUDIES.

#### TWO YEARS' COURSE.

Arithmetic, algebra, geometry, book-keeping.

Physics, astronomy, chemistry.

Physiology, botany, zoölogy, mineralogy, geology, geography.

Language, reading, orthography, etymology, grammar, rhetoric, literature, composition.

Penmanship, drawing, vocal music, gymnastics.

Psychology, science of education and art of teaching, school organization, history of education.

Civil polity of Massachusetts and of the United States, history, school laws of Massachusetts.

#### FOUR YEARS' COURSE.

In addition to the studies named above, the four years' course includes advanced algebra and geometry, trigonometry and surveying.

Advanced chemistry, physics and botany.

Drawing, English literature, general history.

Latin and French required; German and Greek as the principal and visitors of the school shall decide.

The visitors, at the request of the principal of the Worcester school, may have authority to substitute German for French, as they think the interests of the school from time to time demand.

The above is an enumeration of the studies. The order of the studies in the course is determined by the principal of each school, with the approval of the visitors of that school.

It needs to be stated that, while the foregoing list of subjects marks out the field covered in the school curriculum, it gives no

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\* The four years' course, being in the main intended for pupils who have not had high school training, is not recommended here, inasmuch as a large majority of our students have had or may easily obtain such training elsewhere before entering upon the normal school course.

adequate idea of the actual work done. It is made a special aim to seize every opportunity to give the pupils the benefit of whatever tends to fit them for the work of teaching. The spirit of this endeavor pervades the whole school. It influences the mode and character of most of the exercises, and imparts to the whole work a tone and zest difficult to describe, but which determines whatever of distinct character the normal school possesses.

#### REQUIREMENTS FOR ADMISSION.

The *required* age is, for young men, seventeen years; for young women, sixteen.

The *average* age of those admitted is usually a little less than nineteen years. Pupils who enter at an age much below the average are rarely able to get the full benefit of the instruction given without remaining more than two years in the school.

Candidates must show upon examination good capacity and general intelligence, and also fair attainments in the following branches, viz., reading, spelling, penmanship, elementary drawing, geography, arithmetic, English grammar, history of the United States.

Other things being equal, those gain most advantage from the course who have spent the longest time in preparation.

The entrance examination is often passed creditably by pupils who have made rapid progress in the required studies, but who have not sufficient intellectual maturity to pursue profitably a more advanced course of instruction. It will be seen, therefore, that three things must be considered in the case of each candidate for admission: (1) *age*, (2) *time spent in preparation*, (3) *ability to pass the examination*.

The standard may be reached in any one of these things and the candidate still be unprepared to enter, by reason of deficiency in one or both of the others.

The scope and character of the examinations are indicated by the "Questions" printed in the Appendix.

Express warning is given against trying to enter in the hope of "making up" deficiency in any of these departments.

Candidates must present certificates of good character and good health, must promise a faithful observance of school regulations, and must declare in writing their intention to complete the prescribed course of study and training, and to engage in teaching after graduation.

**TIME OF EXAMINATION FOR ADMISSION.** — The regular examination begins on the first day of each term (see calendar) ; and applicants must be present at that time, unless detained by sickness or other imperative and unforeseen necessity.

The examination is held at the main building, and continues through two days, beginning at 9 A.M. ; and lunch should be brought each day, on account of the distance of the school from the centre of the city.

Candidates for admission may present themselves for examination six months, or even a year, before they expect to join the school, and are advised to do so, if convenient, for the sake of becoming better acquainted with the nature of the requirements.

*Students are not admitted to advanced classes, and must not expect to complete the elementary course in less than two years.*

**SPECIAL STUDENTS.** — Applications having been occasionally made by college graduates to take a special (elective) course at the school, it has for some time been the rule to allow such, in common with graduates of normal and scientific schools, the full advantage of the institution. On the completion of such a course a certificate is given, specifying the character and quality of the work done, and the fitness of the candidate to serve as a teacher in the public schools.

**LEAVE OF ABSENCE.** — It is often the case that, through weak health or stress of circumstances, pupils may be obliged to miss one, two, three or more terms. It is in the interest of such that the course need not be pursued uninterruptedly to the end. Students may, and often do, obtain leave of absence to teach or to rest, and resume their work afterwards. This divides, but of course does not shorten, their course of study.

**TERMS OF TUITION.** — Tuition, and also the use of all text-books, is free to such as intend to teach in the public schools of Massachusetts, *whether residents of this State or not.* Those whose purpose is to teach in other States or in private schools are required to pay in advance fifteen dollars a term (thirty dollars a year) for tuition. A fee of two dollars a term in advance is required of each pupil to meet incidental expenses.

*Pupils who withdraw from the school without permission of principal must pay at the rate of fifteen dollars a term for the text books they have received.*

### GOVERNMENT.

The government of the school is not a government of rules even of laws. The school is not without law, but the pupils are led by suggestion, encouragement and admonition to become masters unto themselves. That this is a statement not merely of what is thought desirable as a method of government, but of what is actually accomplished, is the testimony of both official and casual visitors to the school. The pupils hardly realize that they are governed; they feel that they govern themselves.

### HEALTH.

INSTRUCTION IN HYGIENE. — A marked feature of the school is special attention directed not only to the physical well-being of pupils but to such instruction as will enable them to deal practically with living questions of hygiene as they arise in every-day life. Pupils are taught to understand the conditions of healthful living and are trained and assisted to put into practice the instruction they receive in the care of health. They have careful oversight, and are advised individually according to their needs. No pupil enters school without furnishing a physician's certificate of good health, and no pupil is allowed to remain whose physical condition is thought by some competent authority to be equal to the demands of the school work. In cases of fatigue, exhaustion, or such indisposition as may unfit pupils for duty, they are advised to take immediate rest; and it is for the use of such that a quiet room, fittingly furnished, and one of the lightest and pleasantest in the building, has been set apart. Special efforts are made to counteract any tendency to over-work, over-excitement or hurry. No recitations or periods are longer than forty minutes, and during the ample and frequent intervals of relaxation school work is completely put aside.

RECREATION. — The pupils find a fund of social recreation not only in the hall, which is provided with a piano, and which is the

open to them to enjoy themselves as they will, but in the large lunch-room, used exclusively for the purpose that its name indicates. Shortly after midday the luncheons, left since the last recess in the hot closet, are brought out, and the room is soon made lively by the voices of a hundred or more pupils, seated in groups around tables filled to overflowing with the several contributions to this noonday feast. During the warmer months, however, even the lunch-room has to yield in attractiveness to the tree-shaded grounds about the building.

**PHYSICAL EXERCISE.** — A special time is set apart each day for physical exercises of some sort. These consist in part of training in the Ling system of gymnastics; they include also drill in the throwing of light balls, the handling of sticks or wands, marching to music, singing in chorus, or such exercise in or out of doors as is fitted to develop vigor and activity of body at the same time that it cultivates habits of precision and accuracy, and fits the pupils to meet some of the difficulties of drill and discipline in the profession for which they are being trained.

#### **PLATFORM EXERCISE.**

This exercise has the somewhat comprehensive aim of helping pupils to command their faculties and use their mother-wit amid the interruptions and distractions of the school-room. It consists of speaking, reading, drawing, etc., on the platform in presence of the school. The widest range is given to choice of subject and to manner of presenting it, with the single restriction of time. The prepared material must not occupy more than four minutes, although the questions asked by teachers and pupils may change the performance to extemporaneous speaking, and prolong it indefinitely. Forty-five minutes are used in this manner each day. No time is assigned to individuals, but each takes part when he chooses, or can find opportunity, with the well-understood provision that not less than nine persons must be prepared and on the platform every day. Since the exercise is a trying one to pupils, there is little direct criticism, and such as is made generally takes the form of commendation of the excellences of the performance. In reply to the question, "What school exercise was most profitable to you?" graduates are almost certain to name this, or "The study of children."



### THE LIBRARY.

The library has been made to contribute materially to the progress of the pupils, both in general intelligence and literary culture, partly in consequence of the device of placing it in the school hall and in the recitation rooms, where it can be used at all times without formal permission. Books may be taken home on Saturday afternoons and kept until Tuesday; and, as they can be obtained more easily from this library than from any other, a large part of the pupils confine their reading to this collection. The result is an acquaintance with a somewhat large number of books of the best sort, and a manifest improvement in literary taste and in standards of excellence.

The almost unrestricted use of the library is not abused. While the appearance of the books is convincing evidence that they are much read, not more than two or three volumes have been lost or mutilated in the seventeen years of the existence of the school, and it is rarely necessary to inquire for a book when it is needed.

The number of volumes is at present more than three thousand, and additions are constantly made, up to the limits of the funds available for the purpose.

### APPRENTICESHIP.

In addition to the work of the study and the class-room, systematic observation of schools and actual practice in teaching, under the joint supervision of the city superintendent of schools and the faculty of the normal school, constitute an important element in our course of training.

The general character of what is known in this school as the "apprenticeship" is this: The student, after three terms, or a year and a half, in the normal school, is allowed to go into one of the public schools of the city of Worcester to serve as assistant to the teacher of that school; to take part in the instruction, management and general work of teaching, under the direction of the teacher; and even to act as a substitute for the teacher for an hour, a half day or a day, at the discretion of the latter and with the approval of the superintendent. One student only at a time is assigned to any one teacher; but each student serves in at least three grades of schools in the course of his term of service, the duration of which is six

months, or half a school year. After finishing his apprenticeship the student resumes his course at the normal school, spending another half year there before receiving his diploma.

During the period of apprenticeship four days of each week are devoted exclusively to it by those employed in the work. One day of the week (Wednesday) is spent by them in the normal school, where they are employed, not in the ordinary study and work of the institution, but in the following manner:—

They hold such consultation with the teachers of the school and make such use of books as may be most helpful to them in their immediate work as apprentices.

They make informal statements to the school of such facts of their experience as may be of advantage to the other students to hear,—concerning ways of teaching, cases of discipline and the like,—keeping in mind always the private character of the daily life of the school-room, and under special warning against revelations that might seem objectionable.

Each apprentice keeps a diary of the occupation and experience of every day's service, and this record is inspected by the faculty of the normal school. He also makes out a report at the end of his term, in which he gives his own estimate of his success in his work.

The following are specimen entries selected from several diaries during the present year:—

**MONDAY (Grade V.).**—I feel happy to-night because I feel that I am beginning to gain the confidence of the children. I want to know them individually, for it seems as though I would have better control over them than if I knew them only as a school. Accordingly I eagerly seize upon every opportunity to draw single children into conversation—not by any means a forced conversation, but an easy, natural, friendly talk, taking care to introduce subjects which I feel sure they will be interested in. For all they seem so mischievous and disobedient and trying in school, I find that outside they are just as interesting and attractive and lovable as most children. This fact helps me to overlook a great many of their little misdeemeanors in school.

**TUESDAY (Grade III.).**—I feel very sorry for E., the feeble-minded boy. He seems so pleased with any little thing I do for him. To-day the other children were finishing yesterday's drawing lesson, and E. sat in his seat without any book, and I thought he looked very forlorn, so I gave him a piece of paper and a lead pencil and told him he could draw. It made my heart ache the way he smiled and looked. The other children do not notice

him now, but at first my teacher had to punish several because they laughed at everything he did.

I feel tired to-night, but I think I have had a successful day. I gave all the lessons to both divisions except the music, and I had the school alone almost all the afternoon.

WEDNESDAY (at the normal school). — To-day I have been at the normal school. It has seemed nearly a week since Saturday. In the morning we had suggestions from Mr. R. upon the apprenticeship and upon the privileges and restrictions of apprentices. We met also during the forenoon Miss J., Mr. B. and Miss T. They each gave the class practical suggestions for our work.

In the afternoon the apprentices of last term (now the senior class) were called upon and gave us some advice, which I thoroughly appreciated.

Mr. R. talked to the school upon the subject of straight backs and shoulders, and we had exercises in ball-playing.

THURSDAY (Grade I.). — I have had my first real taste of school teaching. I had dreaded giving my first lesson for three days, and found the dread to be worse than the thing itself. The first lesson was a reading lesson of the A division, which is composed of the Jewish children.

I also gave a lesson upon the chestnut leaf; told the children to mark around the edge of their leaves with their slate pencils. They liked this, and some of them were unwilling to put their slates away for recess.

In the afternoon I gave a lesson in paper folding. The children did the work very well, I thought.

I have enjoyed this day's work, and am not as tired as I expected to be.

FRIDAY (Grade I.). — Through the morning I did not feel as agreeable or as calm as I might have been, and I noticed that the children were restless and inclined to be disorderly. This increased my inward irritation, although I tried to conceal it, and despite all efforts I found myself correcting minor disturbances which would have passed unnoticed had I not thus called the attention of the twenty or more bright children to them. This afternoon I felt just the opposite, and the children behaved well and were attentive and interested.

From the experience of to-day I have learned two lessons, — first, not to notice every little misdemeanor, especially when done for effect; second, that the children are reflectors of the manner of the teacher.

The apprenticeship is designed to give the student practical acquaintance with the work of teaching, and training in that work. It is founded in the conviction that, whether education be a science or not, teaching in the public schools of Massachusetts is an art, — an art to the successful practice of which there is need of some

initiation under the guidance of experience and skill; an initiation akin to that which an apprentice passes through in learning his trade.

A secondary purpose is to furnish the faculty of the normal school with more full and satisfactory data for their estimate of the teaching ability of students. How the recruits will behave under fire cannot be determined by drill in the manual or by dress parade. The apprenticeship goes far toward answering the important question. The apprentice is visited by the faculty of the normal school while engaged in his work, and is carefully observed and assisted by suggestions. The teacher of each school in which he has served makes out a report in the following form:—

[STATE NORMAL SCHOOL AT WORCESTER.]

Report of the apprentice work of . . . . .

Grade . . . . . Street School.

Time from . . . . . to . . . . .

Scale, 10. — Use no fractions.

No. of Absences.	No. of Tardinesses.	Power of Control.	Power of Interesting.	Skill in Question- ing.	Skill in Ex- plaining and Illustrating.	Enthusiasm.	Bear- ing.

1. What traits of excellence (if any) have been shown in teaching or management?

2. What weakness or deficiency?

[Signature] . . . . .

The additional six months of preparation required by the system under consideration secure to the student greater maturity of body and mind. The need of such maturity is apparent in the case of the majority of those who enter upon the work of teaching.

That the object of the apprenticeship is attainable by the plan adopted is not merely probable but is already matter of experience.

The method, although believed to be new in this country, is not in itself a thing new or untried.

The German system of public education requires of the candidate for the office of teacher a season of service under direction, of probation under supervision, the essential elements of which are embodied in this apprenticeship. Something like it also prevails extensively in England.

Moreover, the method is simply the extension of one that was for five years in successful operation in this school. The students are found to derive from their experience a fresh interest in their chosen work. They realize the practical bearings of the principles and methods they have studied; they acquire the "courage of having done the thing before;" they test their remedies for the school diseases of inattention, disobedience and the like by trial on actual patients; they acquire skill that is of vast moment to them at the critical period when they take charge, as teachers, of their first school.

It is no small evidence of good results that the school board of the city of Worcester heartily approve the system, on the ground of the benefit accruing indirectly to the city schools through the greater fitness of the apprentices to become teachers.

As the student of the normal school who passes successfully through the period of apprenticeship receives a certificate of the fact in connection with his diploma at graduation, the extra time required for the experience must in almost every case be more than made good by the greater probability of securing a position, and the greater likelihood of success at the outset of the teacher's career.

There are, however, individuals in the school for whom the apprenticeship is not practicable; it is not enforced upon any student, it is simply recommended. Individuals who do not enter upon it enjoy all the advantages of the school, with this single exception.

#### THE STUDY OF CHILDREN.

The school is much indebted to Dr. G. Stanley Hall for a suggestion that the study of psychology might be pursued in part by the original observation of children. From his idea as a starting-point,

a scheme for this purpose has been worked out and adopted as a permanent part of the school curriculum.

The principal requests the students to observe the conduct of children in all circumstances, — at home, at school, in the street, at work, at play, in conversation with one another and with adults, — and record what they see and hear as soon as circumstances will permit. When the nature of the work is explained to the school, great emphasis is placed upon the necessity of having the records genuine beyond all possibility of question ; of having them consist of a simple, concise statement of what the child does or says, without comment by the writer ; of making both the observation and the record without the knowledge of the child and of noting the usual, rather than the unusual, conduct of the individuals observed.

For convenience in classification, blanks of six colors are provided for the records. White paper is used for such observations as students make themselves ; red for well-attested ones reported by others ; yellow for reminiscences of their own childhood ; green for mention of whatever they read on the subject ; blue for exceptional or defective children ; and chocolate for observations that extend continuously over a period of time. Each blank has the following heading : —

[STATE NORMAL SCHOOL AT WORCESTER.]

#### STUDY OF CHILDREN.

1. Date, .....
2. Observer's name, ..... age, .....  
P. O. address, .....
3. Name (or initials) of person (child) observed,  
sex, ..... ; nationality, ..... ; age (yrs. and mos.), .....
4. Length of time between making the observation and recording it, .....

#### RECORD.

If the record is from hearsay, the names of both recorder and observer must be given.

Pupils write the records at their convenience (immediately after making the observation is the best time) and put the papers in a designated place. A teacher reads them from time to time, and classifies them under the heads knowledge, reflection, imagination, conscience, feeling, play, etc.

Both teachers and pupils feel that no other part of the pedagogical training has so direct an influence in developing the qualities most sought in a teacher. It is clearly manifest that it awakens curiosity concerning the phenomena of child nature, excites intelligent sympathy with children, and contributes to skill in discipline and instruction. Graduates and apprentices give abundant testimony on all these points.

The work of making observations is not compulsory, but nearly all members of the school engage in it from genuine interest. A few selected papers are placed from time to time where they may be read by all who care for them. How far these serve as stimulus and example is not known; but every day, not excepting the first day of a term, brings its supply of records, even though the subject may not have been explicitly mentioned for months. It is indeed the most nearly self-sustaining exercise in the school.

Many valuable records are reports of what is seen in the street on the way to or from school, but perhaps the highest value attaches to the reminiscences of the observer's own childhood. To recall one's own feelings, motives and conduct, in circumstances that are repeated in the life of every child, proves, as might be expected, in a high degree salutary, and affects sensibly the manner of judging others. The frankness and humor with which this kind of report is made are often very interesting.

Systematic instruction in psychology is aided both in the way of preparation and supplement by this additional study. Pupils are thus furnished at the outset with facts of their own observation, which serve as elementary materials for scientific classification and study; they have a habit of observing a certain class of phenomena, and have received suggestions and cautions that are of service to them in other departments; they are able to pass more easily to mental science, because they have learned that that, as well as natural science, can be pursued by an objective method; they have an already awakened and active interest in the subject that gives them pleasure in learning general principles, sometimes in part known by their own

observations ; and, moreover, they attach a different value to a text-book which they see is a natural outgrowth of an experience like their own.

As all students make observations, many records have no value apart from the wholesome endeavor that made them ; but a progress in the significance of the things noticed and in the manner of recording them is apparent. During the latter part of a term the proportion of significant and valuable papers is greater than during the first part. All papers are carefully preserved (about two thousand have been collected each year), and it is hoped that they may be of value to students of child-nature ; but the primary object of collecting them is the training of prospective teachers, and so highly does the work commend itself as a means to this end, that, if nothing ulterior to this is gained, complete satisfaction, and no disappointment, will be experienced.

#### GENERAL FACILITIES.

INCIDENTAL ADVANTAGES. — Important facilities for general improvement are offered to pupils in the libraries, institutions and other means of culture in which Worcester is rich.

The extensive and well-arranged museum of the Worcester Natural History Society is open for inspection, and specimens in all departments can be borrowed by teachers and students, and taken to the school for purposes of study and illustration.

The hall of the American Antiquarian Society contains a notably rich store of interesting exhibits, and the library includes a rare treasury of books pertaining to American history.

The Free Public Library stands almost unique among the institutions of the kind in this country for the effective relationship existing between it and the schools. Its large and well-endowed reference library, its well-filled circulating department, its reading-rooms, supplied with the leading domestic and foreign papers and periodicals, afford exceptional opportunities to the schools. Special facilities are offered to teachers and pupils, and the librarian is unsparing in his efforts to render every aid in the choice and use of books, or in any way in which he can assist the reader.

RAILROAD FARES. — The six lines of railroad centring in Worcester afford easy communication with the neighboring towns and villages.



Season tickets or mileage tickets are issued to pupils of the normal school at greatly reduced rates, and the daily sessions of the school are so arranged as to accommodate those who wish to come and go by the cars.

### GENERAL INFORMATION.

**BOARD AND ROOMS.** — Students are advised to board in the city, if possible. Not much is saved pecuniarily by those who go in and out every day by rail, and the loss of time and the incidental exposure put them at serious disadvantage.

**THE NEW DORMITORY.** — A handsome building, beautifully finished and furnished, will be ready for occupancy at the beginning of the next school year (September, 1892). It is situated upon the school grounds, is connected with the principal's dwelling-house, and will afford superior accommodations for about twenty students and teachers. It is not a boarding-house, but a dormitory, and those who occupy it will find table board in families near at hand. All particulars may be obtained from the principal, to whom early application for rooms should be made.

Other boarding places in respectable private families in the neighborhood, approved by the authorities of the institution, are easily obtained. To such as seek information or advice in this direction the principal is ready to give every assistance in his power.

The average cost of board in families (generally including fuel, light and washing) has been ascertained to be \$4.00 to \$4.50 per week.

**INCIDENTAL EXPENSES.** — The necessary incidental or miscellaneous expenses have averaged about five dollars for each pupil for the term, or ten dollars a year.

These averages imply strict economy on the part of pupils, and in making an estimate of expenses it would probably be unsafe to go below the above figures.

### STATE AID.

The Commonwealth has regularly appropriated several hundred dollars a year to each of its normal schools, to be divided among such pupils as are most needy and deserving. This school of course

receives its proper share of such funds, and is able to render assistance to a number of students each year.

The State also gives the use of all the text-books required in the course, as well as free access to an ample and well-selected library of reference and general literature.

#### NORMAL SCHOOL SCHOLARSHIPS AT HARVARD.

There are eight scholarships in the scientific school of Harvard University for the benefit of graduates of the State normal schools. The annual value of each of these scholarships is one hundred and fifty dollars, which is the price of tuition, so that the holder of the scholarship gets his tuition free.

The incumbents are originally appointed for one year, on the recommendation of the principals of the schools from which they have been severally graduated. These appointments may be annually renewed, on the recommendation of the faculty of the scientific school.

#### TO VISITORS.

A hearty invitation is extended to the parents and friends of pupils — to all, in fact, who may feel inclined — to visit the school, and see the current and method of its daily working. *The first two and last two weeks of a term are, obviously, the least favorable times for a visit.*

The school committees and superintendents of the neighboring towns are particularly and earnestly urged to make themselves acquainted with this school, — especially designed, as it is, to aid them in their work of improving our public instruction, — and to introduce to its advantages such young teachers of promise as aspire to more thorough preparation for their calling.

The school is not in session on Mondays. On other days the hours (leaving out the noon recess) are from nine o'clock to four, an arrangement that has been found the most convenient for ninety-six per cent. of the pupils.

## APPENDIX.

## GRADUATES.

NOTE. — All the graduates have been examined and approved as teachers for the schools of Worcester by the examining committee of the school board of the city.

When any change of name or residence has been reported, it is indicated immediately under the name and residence at the time of graduation. Graduates will see that it is very desirable to have notice of such changes promptly sent to the principal.

## FIRST CLASS, JULY, 1876.

NAMES.	RESIDENCES.
Lydia Walker Ball, . . . . .	Upton.
Harriet Crook, . . . . .	Valley Falls.
Mrs. Fred. Snider, Northampton.	
Ella Eudora Goddard, . . . . .	Worcester.
Ella Jane Lyford, . . . . .	Spencer.
Died in Worcester, Jan. 30, 1891.	
Joseph Chauncey Lyford (Secretary), . . . . .	Spencer.
Worcester.	
Marianna Newton, . . . . .	Worcester.
Mrs. Henry E. Chace, Fall River.	
Alice Vara Proctor, . . . . .	Spencer.
Mrs. Nathan A. Cobb, Sydney, Australia.	
Hannah Arabella Tucker, . . . . .	North Brookfield.
Celia Eliza Whiteman, . . . . .	Le Roy, N. Y.
Mrs. George H. Marsh, Auburn, N. Y.	
Fanny Alberta Williams, . . . . .	Worcester.

## SECOND CLASS, JANUARY, 1877.

Frances Maria Athy, . . . . .	Worcester.
Edie Lillian Bennett (Secretary), . . . . .	Worcester.
Sarah Ann Boyd, . . . . .	Cherry Valley.
Florence Emily Brown, . . . . .	East Douglas.
Mrs. Horace B. Martin, East Douglas.	
Harriet Abigail Brown, . . . . .	East Douglas.
Somerville.	

NAMES.	RESIDENCES.
Mary Ellen Cecelia Carroll, . . . . .	Worcester.
Jennie Lullona Dearborn, . . . . .	Worcester.
Clara Amelia Grout, . . . . .	Worcester.
Mrs. John W. Nichols, Barre, Vt.	
Milly Jane Hall, . . . . .	Upton.
Mrs. Henry L. Patrick, Hopedale.	
Gertrude Hawkins, . . . . .	Fitchburg.
Mrs. Charles F. Wilson, Fitchburg.	
Augusta Seaver Houghton, . . . . .	Wilkinsonville.
Mrs. Louis E. Chase, Wilkinsonville.	
Annie Devereaux Johnson, . . . . .	Worcester.
Mrs. James Logan, Worcester.	
Helena Adelaide Marie Kalaher, . . . . .	Worcester.
Gertrude Mitchell King, . . . . .	Nantucket.
Margaret Jane McCann, . . . . .	Worcester.
Mary Elizabeth Murphy, . . . . .	Worcester.
Philadelphia, Pa.	
Jeanette Maria Putnam, . . . . .	Northbridge.
Mrs. Edward E. Clark, Auburndale.	

## THIRD CLASS, JULY, 1877.

Carrie Maria Adams, . . . . .	Worcester.
Emma Abbie Bigelow, . . . . .	Holden.
Mrs. E. C. Houghton, Newtonville.	
Ida Frances Boyden, . . . . .	Oakham.
Mrs. Alvan H. Brown, East Douglas.	
Jennie Ellis Chandler, . . . . .	Duxbury.
Bridgewater.	
Bessie Alice Chase, . . . . .	Worcester.
Mrs. Edmund P. Capron, Boston.	
Joseph Percy Chase, . . . . .	Worcester.
Mrs. George B. Cowell, Providence, R. I.	
Katie Agnes Coughlin, . . . . .	Worcester.
Mrs. David L. Bradt, Worcester.	
Mabel Crane, . . . . .	Blackstone.
Mrs. W. Henry DeLong, Worcester.	
Mary Rebecca Doherty, . . . . .	Worcester.
Mrs. Thomas D. Connolly, Beverly Farms.	
Eliza Ann Fairbanks, . . . . .	Westborough.
Mrs. C. H. Hersem, Westborough.	
Ellen Montgomery Fitts, . . . . .	Worcester.
Mrs. Robert M. Higgins, St. Louis, Mo.	
Mary Elizabeth Fitzgerald, . . . . .	Worcester.
Ida Louise Gaskill, . . . . .	Blackstone.
Ella Eudora Hall, . . . . .	Worcester.
Mrs. Alfred C. Bradish, Worcester.	

NAMES.	RESIDENCES.
Mary Field Harrington, . . . . .	Worcester.
Anna Beatrice Hopkins, . . . . .	Worcester.
Mrs. John H. Leland, Worcester.	
Olive Rice Jenks, . . . . .	Spencer.
Mrs. Benjamin S. Crocker, Chicago, Ill.	
Lucia Naomi Jennison, . . . . .	East Templeton.
Worcester.	
Mary Ann Kean, . . . . .	Worcester.
Mrs. James Early, Worcester. Died in Worcester, Oct. 9, 1891.	
Anna Maria Murray, . . . . .	Worcester.
Katie Ann McCarthy, . . . . .	Worcester.
Minnie Willietta Sherman, . . . . .	Worcester.
Anna Maud Smith, . . . . .	Worcester.
Mrs. Otis A. Merrill, Lowell. Died in Lowell, April 30, 1886.	
Hattie Urania Thwing, . . . . .	Worcester.
Mrs. Charles F. Smith, Worcester.	
Annie Teresa Timon, . . . . .	Worcester.
Isabella Livingston Tullis, . . . . .	Worcester.
Mrs. William A. Harding, Brooklyn, N. Y.	
Jennie Abbie Whitney (Secretary), . . . . .	Worcester.
Mrs. Henry H. Browning, Haverhill.	

## FOURTH CLASS, JANUARY, 1878.

Lizzie Joanna Andrews, . . . . .	Worcester.
Addie Jane Booth (Secretary), . . . . .	Worcester.
Mrs. Alvarado A. Coburn, Worcester.	
Ella Agnes Casey, . . . . .	Worcester.
Elizabeth Edwina Chapin, . . . . .	Worcester.
Jennie Cora Clough, . . . . .	Worcester.
Edna Currier, . . . . .	Worcester.
Mrs. Amory C. Holden, Worcester.	
Anna Crosby Cutting, . . . . .	Templeton.
St. Paul, Minn.	
Katie Anna Fallon, . . . . .	Worcester.
Mrs. Thomas W. Butler, Worcester.	
Addie Eliza Kendall, . . . . .	Worcester.
Mrs. William E. Walitt, Worcester.	
Armina Lillian Paul, . . . . .	Worcester.
Mrs. James C. Stewart, Worcester.	
Lilla Maria Rice, . . . . .	Grafton.
Mrs. Charles L. Ware, Fort Scott, Kan.	
Fanny Louise Smythe, . . . . .	Worcester.
Mrs. John F. Kyes, Worcester. Died in Worcester, April 19, 1882.	

# STATE NORMAL SCHOOL AT WORCESTER.

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NAMES.	RESIDENCES.
Marietta Sykes, . . . . .	Blackstone.
Mrs. Edward D. Brown, Minneapolis, Minn.	
Mary Alice Winter, . . . . .	Northbridge.
Mrs. Harold Foss, Westbrook, Me.	

## FIFTH CLASS, JULY, 1878.

Nettie Eliza Adams, . . . . .	Fitchburg.
Mrs. J. Chauncey Lyford, Worcester.	
Elizabeth Estelle Bent, . . . . .	South Gardner.
Mrs. Franklin Eaton, South Gardner.	
Emma Frances Brown, . . . . .	Worcester.
Isabella Newton Eddy, . . . . .	Leicester.
Mrs. Charles T. Newton, Millbury.	
Mary Abby Hayward, . . . . .	Ashby.
Mary Elizabeth Houghton (Secretary), . . . . .	Worcester.
Mrs. C. David White, Washington, D. C.	
Isabel Pemberton Morey, . . . . .	West Brookfield.
Harriet Betsey Sargent, . . . . .	South Gardner.
North Cambridge.	
Carrie Angelicia Smith, . . . . .	Worcester.
Nellie Blake Webber, . . . . .	Worcester.
Mrs. Winslow S. Lincoln, Worcester.	

## SIXTH CLASS, JANUARY, 1879.

Jennie Irene Adams, . . . . .	Fitchburg.
Mrs. Charles F. Martensen, Springfield.	
Hattie Woodward Arnold, . . . . .	Westborough.
Mrs. D. O. Clark, Warren.	
Emma Buckley . . . . .	Worcester.
Mary Rosalie Goddard (Secretary), . . . . .	Worcester.
Mary Emma Hastings, . . . . .	Westborough.
Waltham.	
Jennie Leonora Higgins, . . . . .	Worcester.
Mrs. James E. Smith, Worcester.	
Effie Frances Kinne, . . . . .	Plainfield, Conn.
Mrs. Edwin D. Goodell, Brookfield.	
Katie Agatha McLoughlin, . . . . .	Worcester.
Hattie Stearns Putnam, . . . . .	Worcester.
Sarah Elizabeth Rogers, . . . . .	Worcester.
Mrs. Edwin N. Sanderson, Fort Edward, N. Y.	
Adeline Estelle Sprague, . . . . .	Worcester.
Mrs. Fred. Foster Sprague, Worcester.	
Marion Capitola Tucker, . . . . .	North Brookfield.
Mrs. Frederick N. Hunter, Spencer.	

## SEVENTH CLASS, JULY, 1879.

NAMES.	RESIDENCES.
Eugene Bacon, . . . . . Nobscot.	Framingham.
Mary Ella Clark, . . . . .	Paxton.
Susan Drake, . . . . . Died in Spencer, June 16, 1888.	Spencer.
Maggie Agnes Flaherty, . . . . .	Worcester.
Emma Lorette Giffin, . . . . . Mrs. Charles H. Wright, Wilmington, Del.	Templeton.
Katie Elizabeth Kenney, . . . . . Milford.	Worcester.
Ellen French Lindsay, . . . . . Worcester.	Grafton.
Henrietta Agnes Murray (Secretary), . . . . . Memphis, Tenn.	Worcester.
Anna Harriet Newton, . . . . . Mrs. Fred. Barnes, Worcester.	Paxton.
Edwin Thomas Painter, B.S., . . . . . Edwin Thomas Painter, M.D., Pittsburg, Pa.	Worcester.
Emma Miller Plimpton, . . . . . Worcester.	Northbridge.
Mary Agnes Rourke, . . . . .	Worcester.
Mary Abble Sanborn, . . . . . Mrs. George B. Paddock, Minneapolis, Minn.	West Baldwin, Me.
Abby Brewer Shute, . . . . .	Auburn.

## EIGHTH CLASS, JULY, 1880.

Sarah Maria Averill, . . . . .	Plainfield, Conn.
Cora Anna Baldwin, . . . . .	Worcester.
Mary Elizabeth Barnard, . . . . . Mrs. William J. D'Ewart, Worcester.	Harvard.
Mary Mead Bowen, . . . . . Worcester.	Mianus, Conn.
Mary Etta Buxton, . . . . . Mrs. Robert W. Robinson, Worcester.	Worcester.
Sarah Maria Davis, . . . . .	Webster.
Daisy Alice Miranda Fairchild, . . . . . Mrs. Sidney A. Eberman, Barrington, R. I.	Worcester.
Hattie Grant Gates (Secretary), . . . . .	Worcester.
Mary Gertrude Griggs, . . . . .	Worcester.
Etta Lorenda Hill, . . . . . Mrs. Edward H. Forbush, Medford.	West Upton.

NAMES.	RESIDENCES.
Caroline Elizabeth Howe, . . . . .	Paxton.
Mary Anne Kane, . . . . .	North Brookfield.
Mrs. John A. Howard, Spencer.	
Harriet Lightbourn, . . . . .	Worcester.
Alice Eliza Meriam, . . . . .	Worcester.
Emma Sophronia Peirce, . . . . .	Leicester.
Died in Worcester, March 26, 1884.	
Nellie Louisa Pierce, . . . . .	Chesterfield, N. H.
Mrs. Fred. W. Fogg, Worcester.	
Rosa Isabelle Seavey . . . . .	Worcester.
Mrs. William C. Howe, Worcester.	
Anna Philena Smith, . . . . .	Central Village, Conn.
Maude Mary Smith, . . . . .	Grafton.
Mrs. S. G. Lynn, Saundersville.	
Marina Harwood Tucker, . . . . .	North Brookfield.
Mrs. Wilber W. Hobbs, Worcester.	

## NINTH CLASS, JULY, 1881.

N. B. — Graduates whose names are marked with (A) have, besides passing through the regular course of study, served for a half year as apprentices (see page 20) in the public schools of the city of Worcester.

Selma Petronella Ahlstrom (A), . . . . .	Worcester.
Mrs. J. O. Emanuel Trott, Worcester.	
Hattie Bond Andrews (A), . . . . .	Worcester.
Olive Maria Butler . . . . .	Worcester.
Mrs. Charles F. Howard, Orange. Died in Meriden, Conn., Dec. 22, 1889.	
Elida Maria Capen (A), . . . . .	Charlton.
Rebecca Harlow Davie, . . . . .	Worcester.
Wilton Herbert Desper B.S., . . . . .	Worcester.
Edward Doolittle Fitch . . . . .	Worcester.
Edward Doolittle Fitch, M.D., Worcester.	
Anna Trask Kelley (A), . . . . .	Worcester.
Mary Emily McCormick (A), . . . . .	Worcester.
Alice Caroline Mason (A) (Secretary), . . . . .	Worcester.
Mrs. George F. Barnard, Worcester.	
Catherine Theresa Nevins (A), . . . . .	Nantucket.
Georgiana Maria Newton (A), . . . . .	Worcester.
Bertha May Peckham (A), . . . . .	Southborough.
Mrs. Elmer I. Balcom, Whitinsville.	
Elizabeth Nettie Robinson . . . . .	Templeton.
Mrs. W. S. Hincks, Hyde Park.	
Angenette Ethelinda Stone (A), . . . . .	Northbridge.
Minneapolis, Minn.	
Jennie Matilda Tainter (A), . . . . .	Worcester.
Mrs. James H. Sutton, Worcester.	



## TENTH CLASS, JANUARY, 1882.

NAMES.	RESIDENCES.
Florence Bicknell (A), . . . . . Died in Boston, May 28, 1885.	Rowe.
Alice Chapin (A), . . . . .	Auburn.
Abbie Mitchell Dorr, . . . . . Medfield.	Southborough.
Mary Blake Dudley (A), . . . . . Mrs. W. B. Beach, Jr., New York City.	Worcester.
Emma Gertrude Goodwin (A), . . . . .	Worcester.
Abbie Calista Hale, . . . . . Moorhead, Minn.	Hubbardston.
Lizzie Frances Jones (A), . . . . .	Lunenburg.
Fransess Dolbell Martin, . . . . . Mrs. Adam Creelman, Newark, N. J.	Worcester.
Ida Marion McCambridge (A) (Secretary), . . . . .	Worcester.
Elizabeth Adelaide Potter, . . . . .	Worcester.
Mary Ella Proctor (A), . . . . . Mrs. Henry B. Quimby, Malden.	Worcester.
Anna Bush Ranger (A), . . . . . Mrs. Elmore F. Johnson, Worcester.	Worcester.
Sarah Lydia Sawyer, . . . . . Mrs. John W. Jigger, Hyde Park.	Fitchburg.
Caroline Isabel Stone (A), . . . . . Mrs. William Woodward, Worcester.	Auburn.
Mabel Burnside Tew (A), . . . . . Mrs. Hiram E. Barnard, Worcester.	Worcester.
Anna Laura Wells (A), . . . . . Mrs. Benjamin T. Henry, Rowe.	Rowe.
Mary Blanche Wheatley (A), . . . . . Died in Worcester, Feb. 7, 1886.	Worcester.

## ELEVENTH CLASS, JUNE, 1882.

Harriet Almira Baker, . . . . .	Phillipston.
Addie Maria Blenus, . . . . .	Worcester.
Anna Theresa Cavanaugh (A), . . . . .	Worcester.
Louis Richards Condry, . . . . .	Groton.
Ann Fosket (A), . . . . . Worcester.	Webster.
Mary Elizabeth Horgan (A), . . . . . Mrs. John J. Brennan, Worcester.	Worcester.
Mary Eliza Jenks (A), . . . . . Mrs. G. Samuel Boutelle, Worcester.	Spencer.
Julia Ardelle Mann (A), . . . . .	Blackstone.
Edwin Scott Matthews, B.S., . . . . . Boston.	Worcester.

# STATE NORMAL SCHOOL AT WORCESTER.

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NAMES.	RESIDENCES.
Grace Emily Pearl (A), . . . . .	Southborough.
Mrs. Albert C. Brown, Fitchburg. Died in Fitchburg, Feb. 20, 1891.	
Ada Dora Saunders (A), . . . . .	Worcester.
Mrs. John W. Dodd, Worcester.	
Jennie Melenda Sprout, . . . . .	Worcester.
Died in Worcester, Feb. 24, 1886.	
Anna Daniels Stowell (A) (Secretary), . . . . .	Worcester.
Mrs. George H. Johnson, Worcester.	
Mary Florence Stratton (A), . . . . .	Millbury.
Mrs. Walter N. Walling, Auburndale.	

## TWELFTH CLASS, JANUARY, 1883.

Martha Dowse Adams (A), . . . . .	Worcester.
Boston.	
Harriet Annie Colton, . . . . .	Oxford.
Mrs. Frederick A. Wellington, Webster.	
Mary Ellen Convery (A), . . . . .	Worcester.
Hannah Mary Kickham (A), . . . . .	Worcester.
Mary Catherina Morrissey (A), . . . . .	Worcester.
Mabel Piper (A), . . . . .	Worcester.
Anna Theresa Smith (A), . . . . .	Worcester.
Mary Celia Smith (A) (Secretary), . . . . .	Worcester.
Etta Melissa Thayer (A), . . . . .	Worcester.
Etta Theresa Whalen (A), . . . . .	Worcester.

## THIRTEENTH CLASS, JUNE, 1883.

Ada Bartlett Braman, . . . . .	Worcester.
Mrs. Charles L. Tower, Worcester.	
Minnie Anna Burgess Chase, . . . . .	Worcester.
Mrs. Frank E. Whitehouse, Worcester.	
Louise Frances Clark (A), . . . . .	Paxton.
Mrs. William F. Brown, Paris, France.	
Mary Louise Gafney (A), . . . . .	Worcester.
Alphonsine Talon L'Esperance (A), . . . . .	Worcester.
Died in St. Hyacinthe, Que., Jan. 1, 1887.	
Mary Frye Lewis, . . . . .	Willimantic, Conn.
Mrs. Edward E. Johnson, Seneca Falls, N. Y.	
Mary Agnes McGillicuddy, . . . . .	Worcester.
Mary Alice Marshall . . . . .	Still River.
Manchester, N. H.	
Jessie Moore Nichols, . . . . .	Auburn.
Worcester.	
Jennie Mitchell Perrin, . . . . .	Westborough.
Mrs. Frederick A. Richardson, Worcester.	

NAMES.	RESIDENCES.
Alice Valentine Phelps, . . . . .	Worcester.
Estella Virginia Rolston (A) (Secretary), . . . . .	Worcester.
Jennie Elizabeth Sanderson (A), . . . . .	Worcester.
Mrs. Sydney H. Elliott, Worcester.	
Mary Gertrude Smith (A), . . . . .	Quinsigamond.
Agnes Rose Stewart (A), . . . . .	Worcester.
Abbie Josephine Taft (A), . . . . .	Worcester.
New York City.	
Lizzie Minnie Urban, . . . . .	South Westminster.
Mrs. Charles N. Chapin, Worcester.	
Octavia Howard Vaughan (A), . . . . .	Worcester.
Hattie Louisa White, . . . . .	Boylston Centre.
Mrs. Daniel Lynch, Boylston Centre.	
Margaret Osgood Whitney, . . . . .	Worcester.
Mrs. Frederick W. Blackmer, Worcester.	
Grace Carpenter Williams (A), . . . . .	Gardiner, Me.
Mrs. Charles S. J. Ruggles, Gardner.	

## FOURTEENTH CLASS, JANUARY, 1884.

Mary Louise Blenus (A), . . . . .	Worcester.
Died in Millbury, Feb. 6, 1887.	
Daniel Henry Casey, . . . . .	Worcester.
Ellen Gertrude Daley (A), . . . . .	Worcester.
Adella Teresa Gauren (A), . . . . .	Worcester.
Eliza Tainter Gilbert, . . . . .	Worcester.
Mrs. George Day, Worcester.	
Eudora Estella Hay (Secretary), . . . . .	Worcester.
John Edward Lynch, . . . . .	Worcester.
Nellie Abbie Robbins (A), . . . . .	Rochester, N. Y.
Mrs. Henry W. Sykes, Pittsfield.	

## FIFTEENTH CLASS, JUNE, 1884.

Maria Fernald Bosworth (A) (Secretary), . . . . .	Worcester.
Maud Loetta Davis (A), . . . . .	Worcester.
Ellen Frances Fallon, . . . . .	Worcester.
Mrs. James F. Guerin, Worcester.	
Margaret Frances Hagan, . . . . .	Worcester.
Lilla Ingalls, . . . . .	East Templeton.
Mrs. Albert D. Felch, Sunapee, N. H.	
Mary Jessie King, . . . . .	Middleville, N. Y.
Mrs. Frank H. Buxton, Leicester.	
Etta Rosella Leonard (A), . . . . .	Worcester.
Mrs. Irving E. Comins, Worcester.	
Mary McCann (A), . . . . .	Leominster.
Mrs. John Alfred Johnson, Chicago, Ill.	

NAMES.	RESIDENCES
Anna Gertrude Melanefy (A), Died in Worcester, Nov. 30, 1885.	Worcester.
Annie Ward Newell (A),	Millbury.
Helena Bridget O'Keefe, Providence, R. I.	Worcester.
Edith Marietta Rolston (A),	Worcester.
Mary Lucy Seavey (A),	Worcester.
Alice Alberta Tatman (A), Mrs. Arthur E. Hayer, Quinsigamond.	Quinsigamond.
Elizabeth Pickering Thompson, Mrs. Albert DeMeritt, Durham, N. H.	Durham, N. H.
Katy Adaline Wilder Mrs. R. Lincoln Chandler, Worcester.	Sterling.

## SIXTEENTH CLASS, JANUARY, 1885.

Katherine Blanche Adams, Mrs. Lester T. Crook, Worcester.	Worcester.
Mary Louise Burroughs, West Acton.	Boxborough.
Minnie Jennie Condy (A), Mrs. Charles F. Pharaoh, Worcester.	Worcester.
Emma Florence Davis, Mrs. George E. Stone, Shrewsbury.	Shrewsbury.
Cora Belle Drew,	Burlington, Vt.
Anna Gertrude Foley (A),	Worcester.
Julia Elizabeth Green (A),	Worcester.
Lucy Maria Green (A) (Secretary),	Worcester.
Catharine Aloysia Hackett (A),	Worcester.
Annie Maria Ham (A),	Worcester.
Carrie Adaline Hildreth (A),	Worcester.
Mary Anne McBride (A)	Worcester.
Ellen Gertrude McGillicuddy (A),	Worcester.
Mary Agnes Morrissey (A),	Worcester.
Della Isabel Newbury (A), Mrs. Willis E. Knowlton, Shrewsbury.	Worcester.
Carrie Louise Paige (A), Mrs. Edward S. Frary, Waterbury, Vt.	Hardwick.
Ida May Parsons (A),	Holden.
Frances May Prentice (A), Mrs. Fred. S. Dearborn, Worcester.	Westborough.
Hannah Sheehan (A),	Whitinsville.
Mary Elizabeth Talbot Tandy,	Athol.
Ella Maria Wells (A), Mrs. H. Clifford Hawks, Boston.	Deerfield.
Alvena Betsy Williams (A) Mrs. George E. Stimson, Rochdale.	Paxton.

## SEVENTEENTH CLASS, JUNE, 1885.

NAMES.	RESIDENCES.
Ida Florence Buxton, . . . . . Mrs. Adam J. Elmermann, Milwaukee, Wis.	Worcester.
Cora Augusta Cooley (A), . . . . . Mrs. Edward Lawton, Ayer.	Worcester.
Amy Holbrook Dana (A), . . . . . Mrs. William F. Masters, Hebbardsville, Ohio.	West Boylston.
Minnie Alberta Davis, . . . . .	Worcester.
Carrie Elizabeth Dodd (A), . . . . . Noank, Conn.	Paxton.
Emily Sophia Gaskill (A), . . . . .	Mendon.
Emma Jane Goddard (A), . . . . .	Grafton.
Emma Eliza Hayward, . . . . .	Ashby.
Benjamin West Kinney (A) (Secretary), . . . . .	Worcester.
Georgia Hudson Lakin (A), . . . . . Mrs. Charles H. Dodd, Worcester.	Paxton.
Ada Alvera Mason, . . . . . Died in Worcester, May 5, 1890.	Worcester.
Agnes Josephine O'Gorman (A), . . . . .	Worcester.
Carrie Melinda Sweetzer (A), . . . . .	Worcester.
Florence Mabel Waite (A), . . . . .	Pittsfield.

## EIGHTEENTH CLASS, JANUARY, 1886.

Alice Lucina Bainbridge (A), . . . . .	Worcester.
Alice Rosilla Barton (A), . . . . .	Upton.
Grace Rebecca Everett (A) (Secretary), . . . . .	Worcester.
Edith May Harding (A), . . . . .	Worcester.
Sarah Wyman Hay (A), . . . . .	Worcester.
Nellie Francene Monroe (A), . . . . . Mrs. Benjamin W. Kinney, Worcester.	Rutland.
Julia Agnes Quinn (A), . . . . .	Worcester.
Margaret Scott (A), . . . . .	Burlington, Vt.
Annie Gertrude Thompson (A), . . . . .	Worcester.
Carrie Alona Thompson (A), . . . . .	Worcester.

## NINETEENTH CLASS, JUNE, 1886.

Cora Jane Ball (A), . . . . .	Grafton.
Addie Taylor Banister, . . . . .	Worcester.
Clara Harwood Bemis, . . . . .	Spencer.
Julia Mecker DeCamp (A), . . . . . Mrs. Sanford D. Leland, Holyoke.	Worcester.

NAMES.	RESIDENCES.
Mary Jennie Hart (A), . . . . .	Worcester.
Susan Rhoda Hartwell (A), . . . . .	Oxford.
Thomas Joseph Higgins (A) (Secretary), . . . . .	Worcester.
Mary Alice Johnson . . . . .	Westborough.
Mrs. George M. Howe, North Brookfield.	
Mary Elizabeth Joyce (A), . . . . .	Worcester.
Carrie Laurretta Maynard (A), . . . . .	Worcester.
Susan Augusta Peirce (A) . . . . .	West Boylston.
Died in West Boylston, April 27, 1888.	
Abby Louise Penniman (A), . . . . .	Worcester.
Hattie May Ruggles (A), . . . . .	Worcester.
Annie Elisabeth Tucker (A), . . . . .	Chelsea.
Melrose.	
Ella Maria Whitney . . . . .	Upton.
Mrs. Allan D. Risteen, Hartford, Conn.	
Carrie Howard Wilmarth (A), . . . . .	Worcester.
Mrs. William E. Drake, Brooklyn, N. Y.	

## TWENTIETH CLASS, JANUARY, 1887.

Harriet Louise Brewster (A), . . . . .	Westborough.
Holyoke.	
May Elsie Chapin, . . . . .	Worcester.
Caroline Gertrude Cooke (A), . . . . .	Worcester.
Sarah Leighton Dinsmore, . . . . .	Lowell.
Sarah Elizabeth Earley (A), . . . . .	Spencer.
Carrie Lincoln Fletcher (A), . . . . .	Worcester.
Marion Holbrook (A), . . . . .	Worcester.
Florence Holman (A), . . . . .	West Millbury.
Warren.	
Marietta Knight, . . . . .	Worcester.
Elizabeth McFarland, . . . . .	Sutton.
Died in Sutton, Jan. 7, 1891.	
Hattie Louise Partridge (A), . . . . .	Worcester.
Cora Deborah Elizabeth Robinson (A), . . . . .	Worcester.
Lillian Ainsworth Smith (A), . . . . .	Dudley.
Florence Sherman Waite (A) (Secretary), . . . . .	Worcester.
Mrs. G. Arthur Smith, Worcester.	
Lizzie Helen Wallis (A), . . . . .	North Oxford.
Margaret Louisa Walsh (A), . . . . .	Worcester.
Henrietta Maria Wright (A), . . . . .	East Templeton.

## TWENTY-FIRST CLASS, JUNE, 1887.

Olive Minerva Barnes (A), . . . . .	Worcester.
Mrs. William C. Temple, Rutland.	

NAMES.	RESIDENCES.
Alice Harriette Belding, . . . . .	Worcester.
Annie Josephine Butterfield (A), . . . . .	Worcester.
Lulu Louise Clarke (A), . . . . .	Worcester.
Albert Swain Colburn, . . . . .	Shirley Village.
St. Joseph, Mo.	
Anna Burgess Collier (A), . . . . .	Worcester.
Josephine Pauline Convery (A), . . . . .	Worcester.
Margaret Mary Hanley (A), . . . . .	Worcester.
Addie Maria Harthan (A), . . . . .	Worcester.
Kate Maria Healy (A), . . . . .	Worcester.
Nellie Gertrude Jerome (A), . . . . .	Worcester.
Cora Emma Kemp (A), . . . . .	Worcester.
Abbie Curtis Knight (A), . . . . .	Worcester.
Emma Martha McCormick, . . . . .	Spencer.
Honora Lucy Murphy (A), . . . . .	Worcester.
Mary Jane Newton (A), . . . . .	Greenfield.
Abigail Loretta O'Hara (A), . . . . .	Worcester.
Lucy Reed Poland (A) (Secretary), . . . . .	Worcester.
Mary Teresa Power (A), . . . . .	Worcester.
Miriam Frances Proctor (A), . . . . .	Spencer.
May Caroline Rogers (A), . . . . .	Worcester.
Kate Emogene Smith (A), . . . . .	Florence.
Louise Adelia Stockdale (A), . . . . .	Worcester.
Charlotte May Taylor (A), . . . . .	Bolton.
Mrs. Oliver A. Everett, Bolton.	
Bertha Caroline Yeaton (A), . . . . .	Worcester.

#### TWENTY-SECOND CLASS, JANUARY, 1888.

Jennie Ambrose Casey (A), . . . . .	Worcester.
Margaret Ann Connolly (A), . . . . .	Worcester.
Idaline Dawley (A), . . . . .	Plainfield, Conn.
Died in Plainfield, Conn., Sept. 4, 1888.	
Catherine Teresa Donnelly (A), . . . . .	Worcester.
Annie Elizabeth Fales (A), . . . . .	Westborough.
Ida Childs Gleason, . . . . .	West Brookfield.
Ida Etta Leland (A), . . . . .	Upton.
Mary Mackin (A), . . . . .	Worcester.
Died in Worcester, Aug. 17, 1889.	
Fanny Richards Brewer Macomber (A), . . . . .	Worcester.
Mrs. Frank E. Elwell, Rockport, Me.	
Edith Maria Marsh, . . . . .	Leicester.
Mary Gertrude Overend (A) (Secretary), . . . . .	Worcester.
Cora Almira Paige (A), . . . . .	Worcester.

NAMES.	RESIDENCES.
Dora Alvira Paige (A), . . . . .	Worcester.
Julia Winifred Smith (A), . . . . .	Quinsigamond.
Minnie Belle Stearns (A), . . . . .	North Leominster.
Mrs. George P. Taylor, Springfield.	

## TWENTY-THIRD CLASS, JUNE, 1888.

Mary Agnes Cunningham (A), . . . . .	Worcester.
Amelia Louisa Diemar (A), . . . . .	Worcester.
Minnie Isabel Gage (A), . . . . .	Worcester.
Henry Dwight Hunt, . . . . .	Columbia, Conn.
Anna Miriam Johnson (A), . . . . .	Worcester.
Edith Genevieve Loring, . . . . .	Westborough.
Jeannette Morrill (A) . . . . .	Benton, N. H.
Gertrude Emma Nash (A), . . . . .	Worcester.
Mary Alice O'Gready (A), . . . . .	Worcester.
Annie Brown Porter (A), . . . . .	Manchester, N. H.
Died in Manchester, N. H., Sept 16, 1891.	
Mary Agnes Quinn (A), . . . . .	Worcester.
Flora Addie Strong, . . . . .	Starksborough, Vt.
Margaret Gertrude Sullivan (A), . . . . .	Worcester.
Mary Louise Taylor (A) (Secretary), . . . . .	Worcester.
Helen Frances Walker, . . . . .	Worcester.

## TWENTY-FOURTH CLASS, JANUARY, 1889.

Martha Jennie Alton (A), . . . . .	Worcester.
Mrs. Walter Lincoln Brown, Worcester.	
Harriet Amelia Blood (A), . . . . .	Worcester.
Carrie Maria Bunce (A), . . . . .	Worcester.
Anna Loretta Callahan, . . . . .	Barre.
Harriet Washburn Cook (A), . . . . .	Worcester.
Jennie Maria Fairbanks, . . . . .	Holden.
Ellen Estelle Fitzgerald (A), . . . . .	Worcester.
Cecilia Theresa Kelley (A), . . . . .	Worcester.
Sarah Ann McCormick (A), . . . . .	Worcester.
Ellen Agnes McTiernan (A), . . . . .	Worcester.
Alice Elizabeth Marsh, . . . . .	Leicester.
Mrs. Fred. Libby, Leicester.	
Katherine Mathews (A), . . . . .	Westborough.
Grace Lamson Newton (A), . . . . .	Oakdale.
Ellen Agnes O'Neil (A), . . . . .	Worcester.
Mary Elizabeth Patten, . . . . .	Danby, Vt.
Winchester.	
Alice Cressy Plumer (A), . . . . .	Maxwell, Neb.
Grace Emeline Remington (A), . . . . .	Worcester.



NAMES.	RESIDENCES.
Sara Elizabeth Rollison (A), . . . .	Worcester.
Olive Russell (A) (Secretary), . . . .	Worcester.
Mary Ann Agnes Short (A), . . . .	Worcester.
Mary Alice Smith (A), . . . .	Worcester.
Mrs. Melville D. Frost, Boston.	
Dora Taft, . . . .	Mendon.
Winifred Rosalie Todd (A), . . . .	Worcester.
Addy Frances Yeaton (A), . . . .	Worcester.

**TWENTY-FIFTH CLASS, JUNE, 1889.**

Clara Elizabeth Andrews (A), . . . .	Boylston.
Grace Hulford Bishop (A), . . . .	Worcester.
Ellen Gertrude Carey (A), . . . .	Worcester.
Stella Elizabeth Chapin (A), . . . .	Worcester.
Susan May Corbin, . . . .	W. Woodstock, Conn.
Annie Maria Gilbert (A), . . . .	Worcester.
Netty May Grout (A), . . . .	Spencer.
Bridgeport, Conn.	
Susan Martha Hill (A), . . . .	Hudson.
Lou Frances Sawtelle, . . . .	Worcester.
Mrs. Arthur D. Putnam, Worcester.	
Netty Anna Starkey (A) (Secretary), . . . .	Worcester.
Katie Stevenson (A), . . . .	Worcester.
Clara Harwood Walker (A), . . . .	Worcester.
Elizabeth Frances Walker (A), . . . .	Worcester.
Mrs. Benjamin Whitmore, Jr., Worcester.	
Martha Raymond Walker (A), . . . .	Worcester.
Denver, Col.	
Harriet Erwin Wheeler (A), . . . .	Worcester.
Emma Augusta Windle, . . . .	Oxford.

**TWENTY-SIXTH CLASS, JANUARY, 1890.**

Maud Sophie Bosworth (A), . . . .	Worcester.
Herbert Eugene Buxton, . . . .	Ashford, Conn.
Flora Browning Chamberlain (A), . . . .	Worcester.
Florence Malbone Dodge (A), . . . .	Worcester.
Alice Gertrude Draper (A) (Secretary), . . . .	Worcester.
Alice Little Eames (A), . . . .	Worcester.
Mrs. Frank R. S. Bond, Worcester.	
Elizabeth Christine Finn (A), . . . .	Worcester.
Mary Agnes Flynn (A), . . . .	Worcester.
Costella Gertrude Gale (A), . . . .	Guilford, Vt.
Margaret Jane Gartland (A), . . . .	Worcester.

NAMES.	RESIDENCES.
Mary Gertrude Geary (A), . . . . .	Worcester.
Mary Catherine Henry (A), . . . . .	Worcester.
Anna May Hewett (A), . . . . .	Worcester.
Mrs. George T. Patterson, Roslindale.	
Lena May Hurlbut (A), . . . . .	Richford, Vt.
Harriet Howe Maynard, . . . . .	Townsend.
Annie York Milliken (A), . . . . .	Worcester.
Anna Grace Moore (A), . . . . .	Worcester.
Amy Murray (A), . . . . .	Worcester.
Rupert Henry Murray, . . . . .	Worcester.
Kate Evans Parker (A), . . . . .	Worcester.
Minnie Partridge, . . . . .	Medway.
Jeannette Witherby Scruton (A), . . . . .	Canton, N. Y.
Ella Louise Smith (A), . . . . .	Worcester.
Annie Lillian Sullivan (A), . . . . .	Worcester.
Mary Eleanor Whitty (A), . . . . .	Fitchburg.
Mary Emma Williams, . . . . .	Webster.
Mrs. Charles A. Durfee, Chopmist, R. I.	

## TWENTY-SEVENTH CLASS, JUNE, 1890.

Amy Maria Aldrich (A), . . . . .	Westborough.
Emma Susie Barrett (A), . . . . .	Worcester.
Mattie Josephine Black (A), . . . . .	Worcester.
Emma Jane Cooper, . . . . .	Worcester.
Manchester, N. H.	
Anna Gertrude Cullen (A), . . . . .	Worcester.
Maud Elizabeth Davis (A), . . . . .	Holden.
Hartford, Conn.	
Kathline Elizabeth Dwyer (A), . . . . .	Worcester.
Harriet Almira Greene (A), . . . . .	Wrentham.
Luta Belle Lincoln (A) (Secretary), . . . . .	Worcester.
Charlotte McFarland (A), . . . . .	Worcester.
Annie Teresa McGrath (A), . . . . .	Worcester.
Mary Catherine O'Connor (A), . . . . .	Worcester.
Mary Helen Rogers (A), . . . . .	Holden.
Sarah Agnes Russell (A), . . . . .	Amherst.
Florence Louise Seagrave (A), . . . . .	Uxbridge.
Edith Maria Studley (A), . . . . .	Worcester.
Nellie Dascombe Temple (A), . . . . .	Gardner.
Florence Helen Towne (A), . . . . .	Mendon.

## TWENTY-EIGHTH CLASS, JANUARY, 1891.

Henrietta Maria Ager (A), . . . . .	Worcester.
Mrs. John H. Orr, Worcester.	

NAMES.	RESIDENCES.
Agnes Maria Blanchard, . . . . .	Harvard.
Jennie Frances Brennan (A), . . . . .	Worcester.
Edith Minetta Brown (A) (Secretary), . . . . .	Worcester.
Huldah Jane Gibson (A), . . . . .	South Boston.
Worcester.	
Sarah Alice Hopwood (A), . . . . .	Worcester.
Fanny Maud Joy (A), . . . . .	Manchester, N. H.
Helen Maria King (A), . . . . .	Worcester.
Rosa Helena Mahan (A), . . . . .	Worcester.
Agnes McMahon (A), . . . . .	Worcester.
Mary Brown Porter (A), . . . . .	Louisville, Ky.
Nellie Jane Wattie (A), . . . . .	Worcester.
Alice Gertrude Whitcomb, . . . . .	Worcester.

**TWENTY-NINTH CLASS, JUNE, 1891.**

Ella Louise Brown, . . . . .	Worcester.
Elizabeth Amanda Rice Daniels, . . . . .	Greenfield.
Marion Frances Dexter (A), . . . . .	Franconia, N. H.
Nellie Gertrude Donovan (A), . . . . .	Worcester.
Theresa Veronica Dowd (A), . . . . .	Worcester.
Emma Alice Gardner (A), . . . . .	Worcester.
Agnes Gertrude Garvey (A), . . . . .	Worcester.
Mabel Howard Goodale (A), . . . . .	Leominster.
Agnes Theresa Healey (A), . . . . .	Whitinsville.
Mary Ignatia Healy (A), . . . . .	Worcester.
Florence Louise Johnson (A), . . . . .	Worcester.
Teresa Mary Larkin, . . . . .	Worcester.
Catherine Maria McHugh (A), . . . . .	Worcester.
Marietta McNulty (A) (Secretary), . . . . .	Worcester.
Mabel Dora Morrison, . . . . .	Worcester.
Demorest, Ga.	
Georgiana May O'Connor (A), . . . . .	Worcester.
Helen Louise Osborn (A), . . . . .	Worcester.
Grace Platt (A), . . . . .	Newfane, Vt.
Mary Elizabeth Ridler (A), . . . . .	Worcester.
Bertha Maria Stone (A), . . . . .	Auburn.
Nellie Thurston, . . . . .	Worcester.
Eleanor Cornelia Torrey, . . . . .	Dorset, Vt.
Mary Reed Townsend (A), . . . . .	Lexington.
Eva Leolan Truscott (A), . . . . .	Worcester.
Catherine Rachel Wheatley (A), . . . . .	Worcester.
Grace Woodbury, . . . . .	Oxford.

## THIRTIETH CLASS, JANUARY, 1892.

NAMES.	RESIDENCES.
Sarah Emma Barrett (A), . . . . .	Barre.
Addie May Blanchard (A), . . . . .	Uxbridge.
Mabel Rice Brooks (A) . . . . .	Ashby.
Elizabeth Loretta Carmody (A), . . . . .	Worcester.
Anna Pauline Cummings (A) (Secretary), . . . . .	Worcester.
Rose Gertrude Doherty (A), . . . . .	Worcester.
Annie Edith Goldthwait (A), . . . . .	Uxbridge.
Alice Christina Heaphy (A), . . . . .	Worcester.
Julia Annie Hill (A), . . . . .	Charlestown.
Mary Leathers (A) . . . . .	Barre.
Louisa Christina Lof (A), . . . . .	Worcester.
Effie Rilla Putnam, . . . . .	West Sutton.
Katherine Sayle (A), . . . . .	Worcester.
Mary Grace Stalker (A), . . . . .	Worcester.
Lura Augusta Wiley (A), . . . . .	Hardwick.

## SPECIAL STUDENTS

WHO HAVE RECEIVED CERTIFICATES OF PROFICIENCY.

## 1891.

Francis Patrick McKeon, A.M.

Richard Henry Mooney, A.M.

## 1893.

Thomas William Butler.

Owen Henry Conlin, A.B.

Peter Andrew Conlin, A.B.

Edward Aloysius Quinland, A.B.

## 1893.

Arthur Hay, A.B.

## 1896.

William Frances Carmody, A.B.

## 1899.

Joseph Edward Underwood, A.B.

## SUMMARY OF NUMBERS.

Number in the First Class, . . . . .	10
Number in the Second Class, . . . . .	17
Number in the Third Class, . . . . .	27
Number in the Fourth Class, . . . . .	14
Number in the Fifth Class, . . . . .	10
Number in the Sixth Class, . . . . .	12
Number in the Seventh Class, . . . . .	14
Number in the Eighth Class, . . . . .	20
Number in the Ninth Class, . . . . .	16
Number in the Tenth Class, . . . . .	17
Number in the Eleventh Class, . . . . .	14
Number in the Twelfth Class, . . . . .	10
Number in the Thirteenth Class, . . . . .	21
Number in the Fourteenth Class, . . . . .	8
Number in the Fifteenth Class, . . . . .	16
Number in the Sixteenth Class, . . . . .	22
Number in the Seventeenth Class, . . . . .	14
Number in the Eighteenth Class, . . . . .	10
Number in the Nineteenth Class, . . . . .	16
Number in the Twentieth Class, . . . . .	17
Number in the Twenty-first Class, . . . . .	25
Number in the Twenty-second Class, . . . . .	15
Number in the Twenty-third Class, . . . . .	15
Number in the Twenty-fourth Class, . . . . .	24
Number in the Twenty-fifth Class, . . . . .	16
Number in the Twenty-sixth Class, . . . . .	26
Number in the Twenty-seventh Class, . . . . .	18
Number in the Twenty-eighth Class, . . . . .	13
Number in the Twenty-ninth Class, . . . . .	26
Number in the Thirtieth Class, . . . . .	17
Total number of graduates, . . . . .	500
Number of certificated students, . . . . .	9

## GIFTS OF THE GRADUATING CLASSES.

These all form a part of the decoration of the main hall or school-room.

FIRST CLASS, . . . . . Apollo. (Bust.)

SECOND CLASS, Angel-Boys, from Raphael's "Sistine Madonna."  
(Photograph.)

THIRD CLASS, . . . . . Guido's "Aurora." (Photograph.)

FOURTH CLASS, . . . . . Colosseum at Rome. (Photograph.)

FIFTH CLASS, . . . . . Julius Cæsar. (Bust.)

SIXTH CLASS, . . . . . John Locke. (Bust.)

SEVENTH CLASS, . . . . . Pestalozzi. (Bust.)

EIGHTH CLASS, . . . . . Ralph Waldo Emerson. (French's Bust.)

NINTH CLASS, . . . . . "An Old Monarch," by Rosa Bonheur.  
(Engraving.)

TENTH CLASS, . . . . . Pyramids and Sphinx. (Photograph.)

ELEVENTH CLASS, . . . . . Titian's "Flora." (Photograph.)

TWELFTH CLASS, Michel Angelo's "Three Fates." (Photograph.)

THIRTEENTH CLASS, . . . . . Lincoln. (Volk's Bust.)

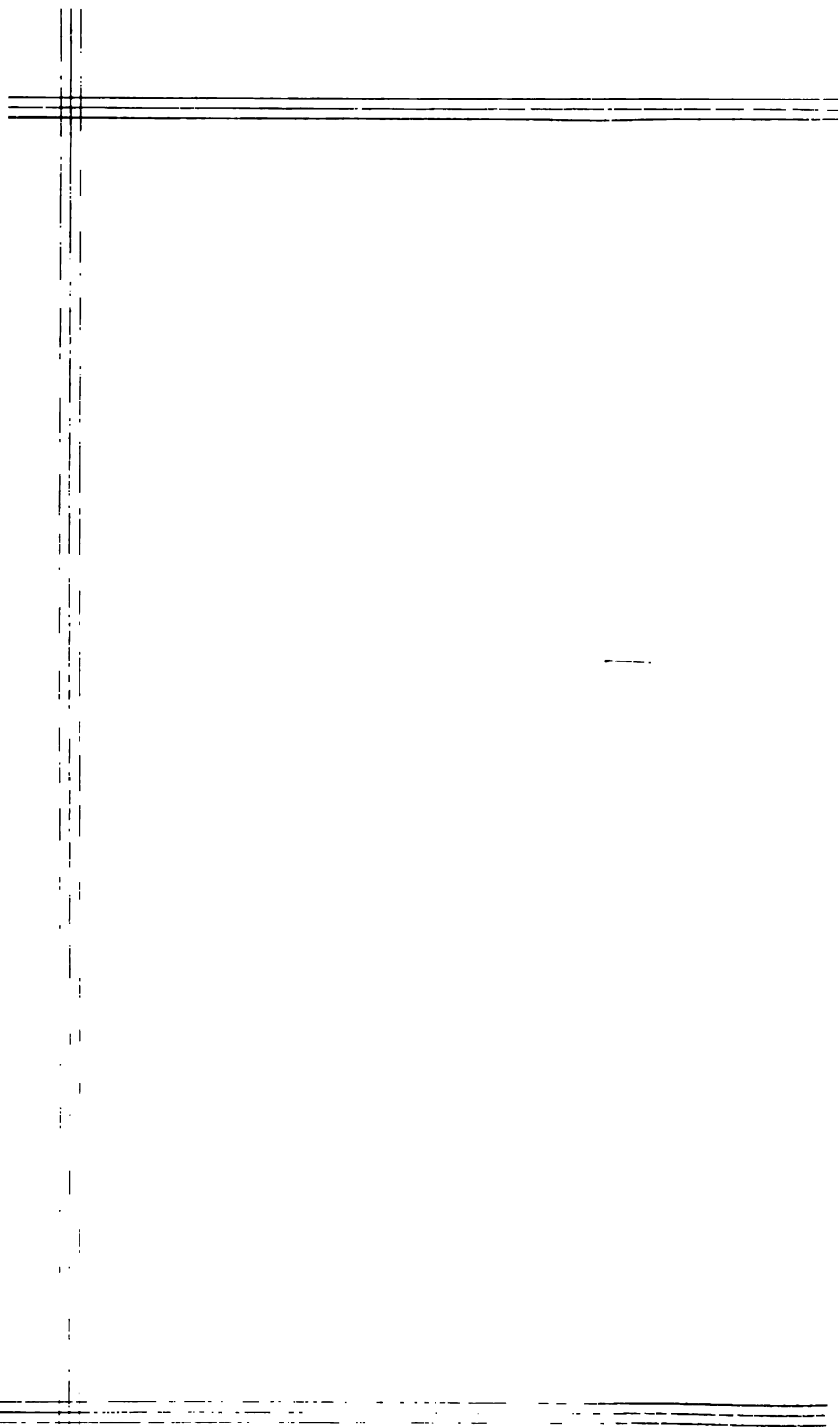
FOURTEENTH CLASS, . . . . . Webster. (Photograph by Hawes.)

FIFTEENTH CLASS, . . . . . Millet's "Spinner." (Etching.)

SIXTEENTH CLASS, . . . . . Franklin. (Houdon's Bust.)

SEVENTEENTH CLASS, . . . . . The Matterhorn. (Photograph.)

EIGHTEENTH CLASS, . . . . . The Chandos Portrait of Shakespeare.  
(Flameng's Etching.)



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SEVENTEENTH ANNIVERSARY

OF THE

MASSACHUSETTS

STATE NORMAL SCHOOL

AT WORCESTER.

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PROGRAMME.

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*THURSDAY, JUNE 25, 1891.*

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## FORENOON.

BEGINNING AT HALF-PAST NINE O'CLOCK.

SINGING, — "Hymn to the Unchangeable."

## READING OF THE THESES.

TWENTY-EIGHTH CLASS, JANUARY, 1891.

\*HENRIETTA MARIA AGER (A), . . . . . Worcester.  
 "MUSIC AND MORALS."

AGNES MARIA BLANCHARD, . . . . . Harvard.  
 "A JAPANESE BOY."

\*JENNIE FRANCES BRENNAN (A), . . . . . Worcester.  
 THE BOYS' CLUB OF WORCESTER.

EDITH MINETTA BROWN (A), . . . . . Worcester.  
 CLASSIFICATION OR GRADING.

HULDAH JANE GIBSON, . . . . . Worcester.  
 "CIVILIZATION IN THE UNITED STATES."

SARAH ALICE HOPWOOD (A), . . . . . Worcester.  
 SCHOOL LIBRARIES.

FANNY MAUD JOY (A), . . . . . Manchester, N. H.  
 MY COURSE AT THE NORMAL SCHOOL.

\*HELEN MARIA KING (A), . . . . . Worcester.  
 "SPRINGS."

\*ROSA HELENA MAHAN (A), . . . . . Worcester.  
 TEACHING BOTANY TO YOUNG CHILDREN.

AGNES McMAHON (A), . . . . . Worcester.  
 SOME OF THE THINGS THE PUBLIC EXPECTS OF THE TEACHER.

NOTE. — Not all the essays can be read in the time allotted to the exercises. The names of the readers are indicated by a star.

N. B. — Graduates whose names are marked with (A) have, besides passing through the regular course of study, served for a half year as apprentices in the public schools of the city of Worcester.

\*MARY BROWN PORTER (A), . . . . . Louisville, Ky.  
THE EDUCATION OF THE SOUTHERN NEGRO.

NELLIE JANE WATTIE (A), . . . . . Worcester.  
HOW WE STUDY BOTANY.

\*ALICE GERTRUDE WHITCOMB, . . . . . Worcester.  
THE EXCEPTIONAL CHILD.

TWENTY-NINTH CLASS, JUNE, 1891.

\*ELLA LOUISE BROWN, . . . . . Worcester.  
PROFIT AND LOSS IN SCHOOL.

ELIZABETH AMANDA RICE DANIELS, . . . . . Greenfield.  
SCIENTIFIC MEASUREMENTS OF CHILDREN.

MARION FRANCES DEXTER (A), . . . . . Franconia, N. H.  
NATURAL SCIENCE IN THE PRIMARY SCHOOLS OF FRANCE.

NELLIE GERTRUDE DONOVAN (A), . . . . . Worcester.  
WHAT THE STATE IS DOING FOR ITS DEFECTIVE CLASSES.

THERESA VERONICA DOWD (A), . . . . . Worcester.  
SCHOOL LAWS.

\*EMMA ALICE GARDNER (A), . . . . . Worcester.  
MISS WILTSE'S READING CLASS.

AGNES GERTRUDE GARVEY (A), . . . . . Worcester.  
REPRESSION OF THE INITIATIVE IN CHILDREN.

RECESS, — FIVE MINUTES.

SINGING, — "Birds' Hymn of Praise," . . . . . *Abt.*

MABEL HOWARD GOODALE (A), . . . . . Leominster.  
"THE PEDAGOGICAL SEMINARY."

AGNES TERESA HEALEY (A), . . . . . Whitinsville.  
CHILDREN'S VANITY.

\*MARY IGNATIA HEALY (A), . . . . . Worcester.  
MISS EDGEWORTH'S TALES.

\*FLORENCE LOUISE JOHNSON (A), . . . . . Worcester.  
CHILDREN'S IDEAS OF GOD.

\*TERESA MARY LARKIN, . . . . . Worcester.  
MY EXPERIENCE IN TEACHING MUSIC.

- 
- \*CATHERINE MARIA MCHUGH (A), . . . . . Worcester.  
 DR. HOOPER ON "ADENOID GROWTHS IN CHILDREN."
- MARIETTA McNULTY (A), . . . . . Worcester.  
 SCHOOL REPORTS AND THEIR VALUE.
- \*MABEL DORA MORRISON, . . . . . Worcester.  
 HELPLESSNESS OF CHILDREN.
- GEORGIANA MAY O'CONNOR (A), . . . . . Worcester.  
 "FUN" IN SCHOOL.
- HELEN LOUISE OSBORNE (A), . . . . . Worcester.  
 THE HORACE MANN SCHOOL FOR THE DEAF.
- GRACE PLATT (A), . . . . . Newfane, Vt.  
 "A BOY'S TOWN."
- MARY ELIZABETH RIDLER (A), . . . . . Worcester.  
 EYESIGHT IN SCHOOLS.
- \*BERTHA MARIA STONE (A), . . . . . Auburn.  
 GIRLS' "CHORES."
- \*NELLIE THURSTON, . . . . . Worcester.  
 PUNISHMENTS OF CHILDREN.
- ELEANOR CORNELIA TORREY, . . . . . Dorset, Vt.  
 COMPAÏRÉ'S "HISTORY OF PEDAGOGY."
- \*MARY REED TOWNSEND (A), . . . . . Bolton.  
 MY "MENTAL REGISTER" OF SCHOOL LIFE.
- \*EVA LEOLAN TRUSCOTT (A), . . . . . Worcester.  
 DRAWING: MY EXPERIENCE.
- CATHERINE RACHEL WHEATLEY (A), . . . . . Worcester.  
 THE CHILD'S SENSE OF THE LUDICROUS.
- \*GRACE WOODBURY, . . . . . Oxford.  
 CHILDREN IN A MANUFACTURING VILLAGE.
-

## AFTERNOON.

BEGINNING AT QUARTER-PAST TWO.

SINGING, — “ March of the Men of Harlech ” (arranged by Mr. C. C. Stearns).

### VALEDICTORY, — TWENTY-EIGHTH CLASS.

FANNY MAUD JOY (A), . . . . . Manchester, N. H.  
MY COURSE AT THE NORMAL SCHOOL.

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### VALEDICTORY, — TWENTY-NINTH CLASS.

ELIZABETH AMANDA RICE DANIELS, . . . . . Greenfield.  
SCIENTIFIC MEASUREMENTS OF CHILDREN.

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## AWARD OF DIPLOMAS.

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SINGING, — Neapolitan Airs (harmonized by William Rees).

1. Santa Lucia.
  2. Oh, Boat upon the Water.
- 

## ANNIVERSARY ADDRESS.

By Rev. E. B. ANDREWS, D.D., President of Brown University.

SUBJECT: “ The Educational Spirit-of-the-Times.”

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SINGING, — “ Auld Lang Syne ” (arranged by Mr. C. C. Stearns, and learned by ear).

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LAST REPORT OF THE STATE BOARD OF VISITORS CONCERNING  
THE WORCESTER SCHOOL.

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*[From the Fifty-fifth Annual Report of the Board of Education.]*

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The visitors find in this school the same enthusiastic spirit, the same high standard of professional discipline, the same harmony of feeling, that they have had the pleasure of reporting in past years.

There has been no change in the teaching staff, the number of students remains about the same, and the lines of work have been but slightly modified in any direction.

The graduating classes were speedily absorbed, as usual, into the teaching force of the State, so that by the end of October there were none left to send out in response to numerous applications received, and undergraduates have been drawn upon, as heretofore, to fill vacant positions.

The entering classes have been as large as usual and of as good quality, almost every applicant having had from one to three years of high-school training, and a majority being graduates of such schools.

Original investigations into the nature of children continue to form a prominent and valuable feature of the training, and there is a probability that a systematic pedagogical exposition of the large store of facts thus accumulated will soon be begun. Several observers are now at work upon the study of children's vocabularies, with a view to ascertain more fully and definitely than has heretofore been done precisely what command of language is possessed by the average child of two, three and four years of age.

The study of nature by original observation, particularly in the department of botany, is carried on in this school with vigor and enthusiasm and by a great variety of methods, some of them highly ingenious and original.

Drawing, with special emphasis upon form and color as exhibited in nature, is made a thorough and practical study, and is the source of great interest and benefit to the students.

Practical ethics, or moral culture, has long been one of the paramount aims of this school, and it is proposed still further to widen the scope of the study by opening up certain lines of original investigation in this attractive and fruitful field.

The visitation and observation of schools, with detailed reports of what is seen, has been more thoroughly organized than heretofore, and is believed to be of much service in acquainting students with the organization, management and methods of instruction that prevail in our best schools.

The system of "apprenticeship," so frequently alluded to in past reports of this school, continues to yield most valuable results in the way of genuine practice in teaching, and the visitors are convinced that it could not be abandoned without serious detriment to the course of training. At the same time, they fully agree with the principal that the establishment of a primary class in the building, to be maintained as a part of the normal school itself, for purposes of observation and experimentation, in accordance with the plan recently communicated by him to the Board of Education, will constitute an important addition and auxiliary to the excellent means of practice which the apprenticeship affords. The above suggestion of the principal was received by the Board and the secretary with hearty and unanimous approval, and the visitors hope that the moderate sum necessary for carrying it into effect will be promptly appropriated by the Legislature.

The appropriation made last year of \$15,000 "for the purpose of erecting a building to be used as a dormitory, to accommodate not less than twenty pupils and teachers, with provision for the residence of the principal of said school," has been expended in pursuance of the object stated. A double building has been erected in the north-west part of the school grounds, fronting south, convenient of access from the school-house, and also from Normal and Prospect streets.

The plan agreed upon by the Board of Visitors, to whom the matter was intrusted by the full Board, was for a structure of moderate dimensions, that would serve as a residence for the principal and a dormitory for a small number of students and one or two teachers, until there should be a demand for more room, when another similar dormitory could be built close by, and perhaps in time still another if need should arise; thus adopting what has been called the "cottage system," which has been found in other institutions to afford more of the sense of family life than is possible where large numbers are housed and fed in a many-storied building under a single roof. The uneven character of the ground also suggested this mode of building, as being the most appropriate from an architectural point of view. The dwelling-house is partly detached from the dormitory, though structurally connected with it by a covered passageway or corridor. The two buildings, thus united by a continuous roof and warmed by the same heating apparatus, are yet in a measure separate for occupancy, a feature

which is believed to possess obvious advantages over the more common arrangement. The students on the one hand, and the principal on the other, may each enjoy a certain desirable privacy, while always in free and immediate communication for every needed purpose.

The plans were made by Messrs. Earle & Fisher, architects, and the construction has been under the immediate charge of Mr. O. M. Ball, builder. Every step and detail of the work has been followed with the greatest care and watchfulness by the chairman of the Board of Visitors, and every dollar of the appropriation has been spent to the best advantage. A moderate additional sum will be required to finish and furnish the dormitory and complete the proper grading of the surrounding grounds.

Both buildings are of wood, and are two stories high, with finished rooms in basement and attic. The dwelling-house is fifty by forty feet on the ground, the first story being nine feet high and the second eight and one-half feet, and contains eleven rooms, with laundry, closets, pantries and bath-room. The dormitory is fifty-four by forty-three feet on the ground, and of the same height as the dwelling-house, and contains a reception-room, two teachers' rooms, twelve students' rooms (each accommodating two occupants), a tenement of five rooms and basement and attic for janitor, together with bath-room, closets, store-rooms, etc. City water has been introduced, and direct communication made with the city sewer. The whole structure is shingled and stained on the outside, and the inside finish is of white wood and southern pine. The heating is by direct radiation, and it is expected that the single Stewart boiler of twenty-five horse-power, which is placed in the basement of the dwelling-house, will thoroughly warm both parts of the building. As a whole and in all details the building is highly satisfactory to the visitors. It is conveniently arranged, well built, of fitting design, and is an ornament to the grounds. When finished and occupied, it will prove of great convenience and advantage to the school.

Our best thanks are due to Rev. E. B. Andrews, D.D., president of Brown University, who at a very busy time came to our commencement exercises and delivered a noble anniversary address. Other addresses at various times, and many gifts and favors, deserve the detailed enumeration which will be found in our annual catalogue and register.

#### STATISTICS FOR THE YEAR 1890-91.

1. Numbers: first (fall) term, 132; second (spring) term, 142; whole number for the year, 170.
2. Numbers in entering classes: in September, 1890, 23; in February, 1891, 28; total, 51.
3. Average age of pupils admitted: in September, 1890, 18 years 6 months; in February, 1891, 19 years 7 months.

4. Residence of pupils admitted: Worcester County, 42; Hampshire County, 1; Middlesex County, 2; Maine, 2; New Hampshire, 2; Vermont, 1; Connecticut, 1; total, 51.

5. Occupations of pupils' parents: professional, 2; mercantile, 7; clerks, 5; farmers, 12; laborers, 6; mechanics, 13; superintendents, 2; unclassified, 4; total, 51.

6. Numbers in graduating classes: in January, 1891, 13; in June, 1891, 26; total, 39.

7. Average age of graduates: in January, 1891, 22 years 11 months; in June, 1891, 22 years 1 month.

8. Library: reference books reported last year, 2,694; volumes added this year, 207; total, 2,901. Text-books reported last year, 4,648; volumes added this year, 86; total, 4,734. Whole number of volumes in library, 7,635.



## GIFTS.

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The following gifts to the school are gratefully acknowledged :—

From Miss Gertrude M. King (second class), Biographical Sketch of Prof. Maria Mitchell.

From Samuel S. Green, Esq., his monograph upon George Bancroft.

From Hon. Henry S. Nourse, the First Report of the Free Public Library Commission of Massachusetts.

From Thomas H. Dodge, Esq., a cutting from the “ancient willow of Willow Park” for transplanting in the school grounds.

From Mrs. A. G. Cochrane, the following books for the library : Curtis’s Life of Webster, two volumes ; Wells’s Life of Samuel Adams, three volumes ; Webster’s Speeches and Forensic Arguments, three volumes ; Schouler’s Massachusetts in the Civil War, volume II. ; Payson, Dunton & Scribner’s Manual of Penmanship.

From the Smithsonian Institution, the Annual Report for 1889.

From the Bureau of Education, Reports and Circulars of Information.

From the National Weather Bureau, the Daily Bulletin for New England.

QUESTIONS USED AT THE ENTRANCE EXAMINATION (WRITTEN  
PART), FEB. 4 AND 5, 1892.

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The questions are printed merely to indicate, in a general way, to those who may be preparing to enter the school, something of the standard required for admission.

School committees, teachers and others may receive copies of the examination questions regularly by applying to the principal.

N. B. Notice is hereby given that hereafter *elementary drawing* is to be added to the following subjects for entrance examination.

**UNITED STATES HISTORY.**

1. Give the particular causes for the settlement of each of the thirteen colonies.
2. Give the boundaries of the original United States, and tell in what manner the various additions of territory have been made.
3. Name ten men of the revolutionary period and tell for what they were distinguished.
4. Give an account of the circumstances in which the United States navy at one time distinguished itself.
5. Give some account of the lives of the two ablest of the presidents.
6. Under what governments have the people of Virginia lived at different times?
7. What important questions of financial policy at present interest the people of the United States?
8. What important difference is there between the present Constitution and the Articles of Confederation, and has the Constitution been amended in any important particular since it was adopted?

(Answer any six questions.)

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**GRAMMAR.**

I was put to the grammar school at eight years of age, my father intending to devote me, as the tithe of his sons, to the service of the church. My early readiness in learning to read (which must have been very early, as I do not remember when I could not read), and the opinion of all his friends that I should certainly make a good scholar, encouraged him in this purpose of his.

1. How many clauses in the first sentence? In the second?
2. Write out each dependent clause, and state the grammatical character or construction of it.
3. Parse the words "put," "father," "intending," "to devote," "tithe."
4. Parse "early," "learning," "to read."
5. What form of the verb is "must have been?"
6. Parse "scholar" and "his."

**GEOGRAPHY.**

- (a) How long is it since you studied geography?
- (b) With what text-book are you most familiar?
- (c) What other books relating to the subject have you read?
1. What causes the heavy rainfall in northern India?
2. (a) Name one object which attracts travellers to the following places: California, Egypt, Rome.  
(b) Describe one of these objects.
3. What advantages has a globe over a map in studying geography?
4. Write an account of Switzerland under the topics, surface, drainage, productions, government.
5. Name an important city (not the capital) in each of these places and tell why it is important: Missouri, Louisiana, Brazil, Scotland, Hindostan.
6. (a) At which pole is it now night?  
(b). Which has the longest day June 1, Quebec or Baltimore?  
(c) Does the sun rise first in Providence, or Buffalo?  
(d) Over what circle is the sun vertical March 20?  
(e) How many degrees between the Arctic Circle and the Tropic of Capricorn?

7. What determines the length, volume, rapidity, direction and importance of a river?
8. *Massachusetts.*  
What are some of its natural products?  
What are some of its noted historical places?  
What common articles are exported?
9. In what ways do the seasons in the southern hemisphere differ from our own?

#### ARITHMETIC.

1. Suppose that to-day you sold three articles to Charles Carroll for cash. Make out and receipt such a bill as you would have given if requested.

2. On Jan. 1, 1890, John Smith borrowed \$100 of Paul Jones, giving his note bearing interest at 6 per cent. Six months later Smith paid \$50. How much did he owe Jan. 1, 1891?

3. Write the above note with the indorsement.

4-5. Choose two :

- (a) \$250 was lent at 5 per cent. until the interest was \$40. For how long was it lent?
- (b) I can get 4 per cent. interest from a savings bank, or I can buy a 5 per cent. bond for 120. Which is the better investment?
- (c) I bought goods for \$60 and marked them to gain 20 per cent. As they proved unsalable I had to deduct 25 per cent. from the marked price. Did I gain or lose, and what per cent. of the marked price?

6-7. Choose two :

- (a) I have a lot 20 rods square and another of equal area 40 rods long. It costs 2 dollars a rod for fencing. What will it cost to fence both fields?
- (b) A bin, 14 ft. long, 10 ft. wide, and 6 ft. deep will hold 24 tons of coal. How deep will a bin 7 ft. long and 5 ft. wide have to be to hold 3 tons?
- (c) How many square inches in the entire surface of a cubic foot?

8-9. Choose two :

- (a) A cylinder,  $18\frac{1}{2}$  inches in diameter and 8 inches deep, holds exactly a bushel. From this find how many cubic inches in a bushel.
- (b) What is the area of a triangular lot 100 ft. on each side?
- (c) A hopper, 3 ft. square, tapers downward to a point 2 ft. deep. How many cubic feet does it contain?

#### SPELLING.

- |                  |                 |
|------------------|-----------------|
| 1. supplementary | 19. primer      |
| 2. imitative     | 20. abhorrent   |
| 3. metaphor      | 21. discernment |
| 4. seize         | 22. vertical    |
| 5. relieves      | 23. ellipse     |
| 6. promissory    | 24. hygiene     |
| 7. yacht         | 25. comparative |
| 8. surgeon       | 26. incessant   |
| 9. prejudice     | 27. resuscitate |
| 10. hypocrisies  | 28. calendar    |
| 11. definition   | 29. separate    |
| 12. siege        | 30. exhibit     |
| 13. villain      | 31. Oregon      |
| 14. aqueduct     | 32. embarrass   |
| 15. grammar      | 33. California  |
| 16. unparalleled | 34. tendency    |
| 17. scythe       | 35. dependent   |
| 18. heinous      | 36. privilege   |

ANNIVERSARY ADDRESSES HAVE BEEN GIVEN BY THE  
FOLLOWING PERSONS.

- In 1877, by William T. Harris, LL.D., of St. Louis.  
In 1878, by Rev. Thomas Hill, D.D., of Portland, Me.  
In 1879, by Alexander H. Rice, LL.D., of Boston.  
In 1880, by Mrs. Julia Ward Howe of Boston.  
In 1881, by Rev. Francis Tiffany of West Newton.  
In 1882, by Hon. James W. Patterson, LL.D., of Hanover, N. H.  
In 1883, by Mrs. Ednah D. Cheney of Boston.  
In 1884, by Prof. G. Stanley Hall, Ph.D., of Baltimore.  
In 1885, by Prof. Albert Harkness, LL.D., of Providence, R. I.  
In 1886, by Charles Dudley Warner of Hartford, Conn.  
In 1887, by Edward S. Morse, Ph.D., of Salem.  
In 1888, by John Fiske of Cambridge.  
In 1889, by Francis A. Walker, LL.D., of Boston.  
In 1890, by Mrs. Alice Freeman Palmer of Cambridge.  
In 1891, by Rev. E. B. Andrews, D.D., of Providence, R. I.
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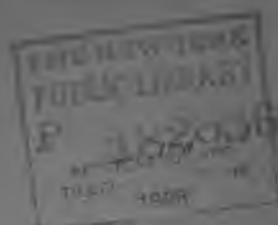
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MASSACHUSETTS

# STATE NORMAL SCHOOL

AT WORCESTER.

❖ 1893 ❖











—A. (Main Building).

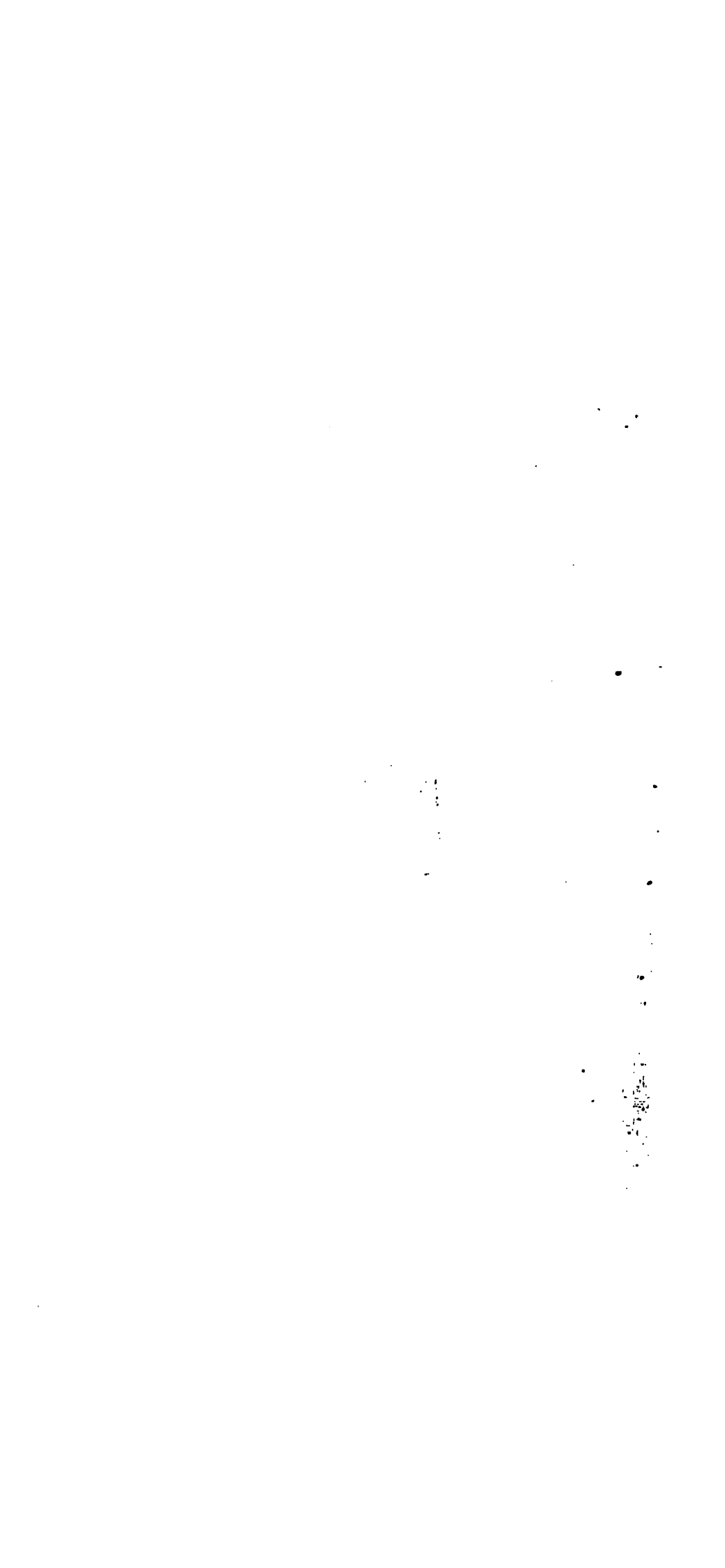








PRINCIPAL'S HOUSE AND STONED BRIDGE





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MASSACHUSETTS

STATE NORMAL SCHOOL

AT WORCESTER.

❖ 1893 ❖



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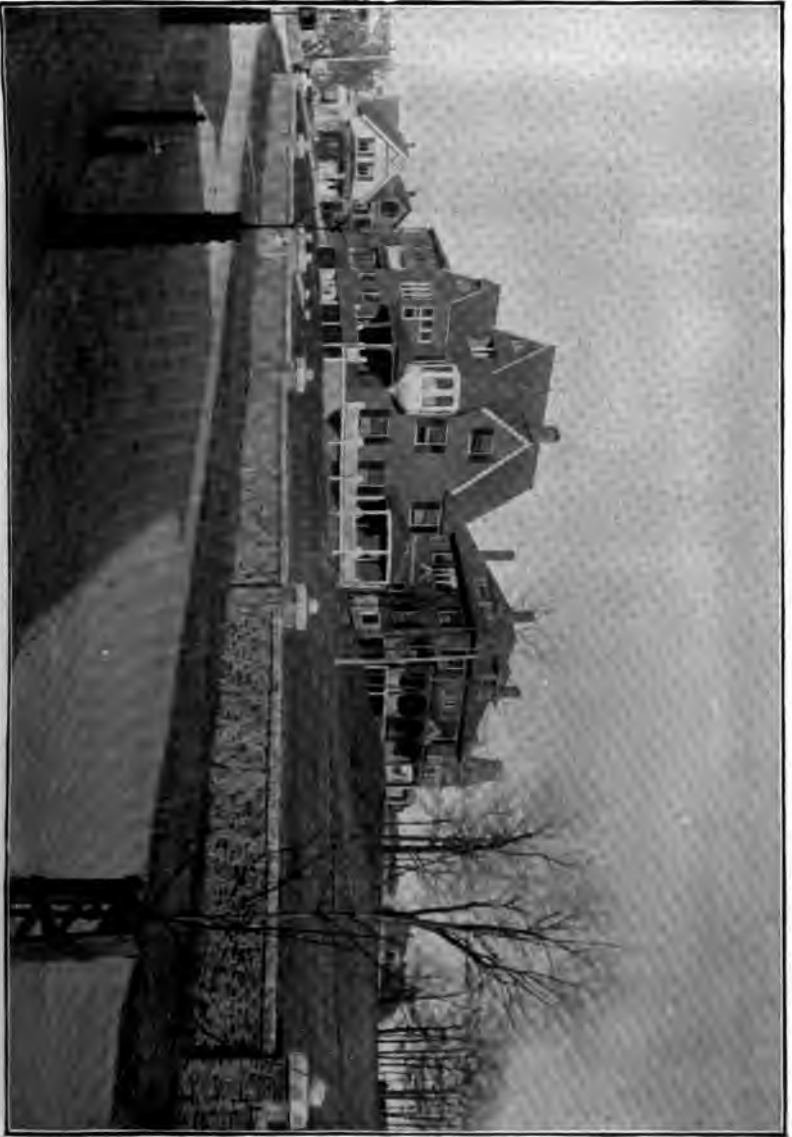


NORMAL SCHOOL (Main Building).

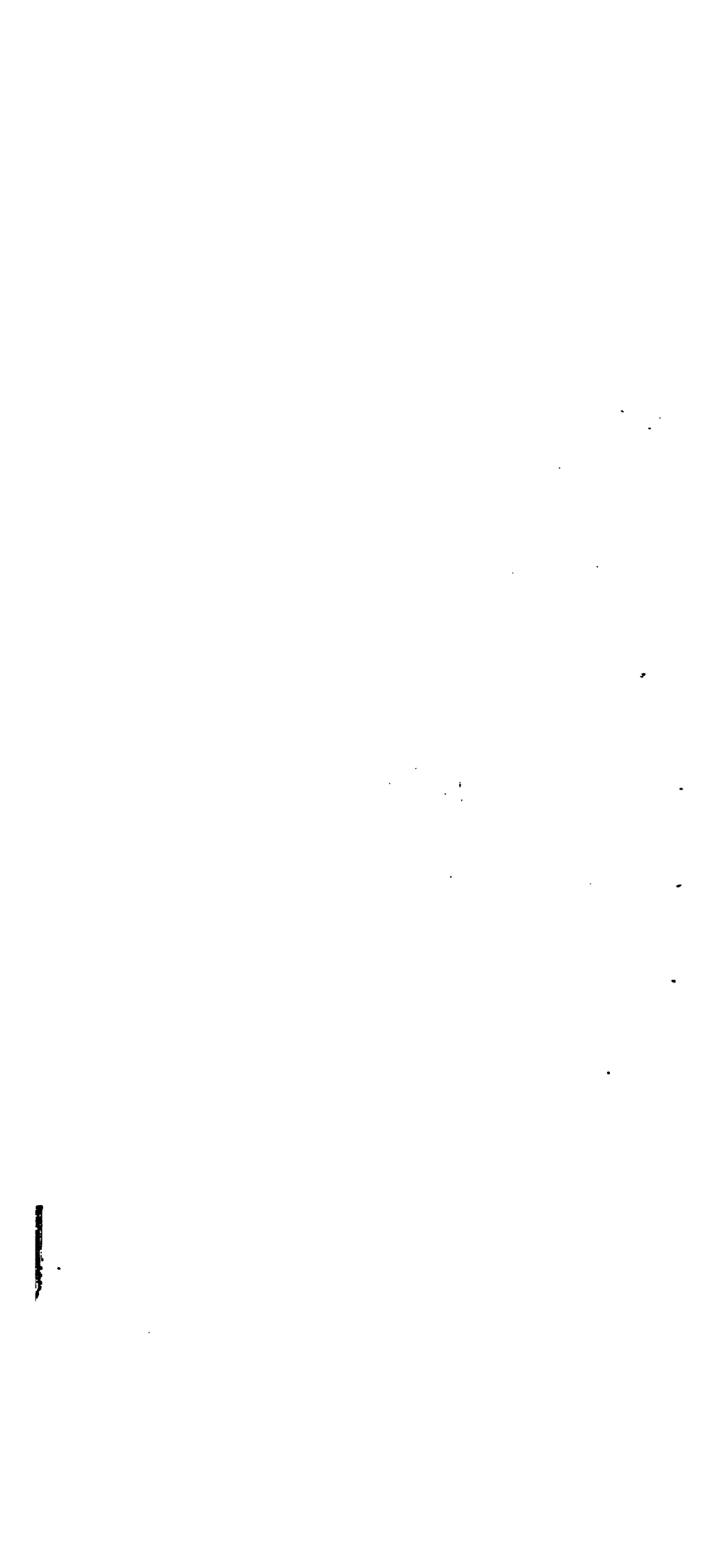
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NORMAL SCHOOL (Main Building)



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MASSACHUSETTS  
STATE NORMAL SCHOOL  
AT WORCESTER.

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NINETEENTH YEAR, 1893.

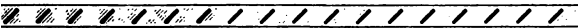
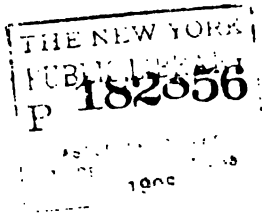


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# STATE BOARD OF EDUCATION.

ESTABLISHED IN 1837.

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## Ex Officio.

HIS EXCELLENCY WILLIAM E. RUSSELL, CAMBRIDGE.

HIS HONOR ROGER WOLCOTT, BOSTON.

## By Appointment.

	TERM EXPIRES
MRS. ALICE FREEMAN PALMER, Cambridge, . . .	May 25, 1894.
MIRAL P. STONE, . . . Springfield, . . .	May 25, 1895.
MRS. KATE GANNETT WELLS, . Boston, . . .	May 25, 1896.
JOHN B. WHITNEY, . . . Westfield, . . .	May 25, 1897.
MORRIS I. ALDRICH, . . . Quincy, . . .	May 25, 1898.
LESTER H. CAPEN, . . . Medford, . . .	May 25, 1899.
JOSEPH B. STODDARD, . . . Worcester, . . .	May 25, 1900.
MORRIS H. CONLEY, . . . Boston, . . .	May 25, 1901.

## SECRETARY.

NATHAN W. DICKINSON, . . . . . Newton.

## ASSISTANT SECRETARY AND TREASURER.

JOSEPH TILLINGHAST, . . . . . Boston.

## AGENTS.

MORRIS A. WALTON, . . . . .	West Newton.
NATHAN T. PRINCE, . . . . .	Newtonville.
JOSEPH W. EDSON, . . . . .	Worcester.
JOHN FLETCHER, . . . . .	Northampton.
JOSEPH W. MACDONALD, . . . . .	Stoneham.
MORRIS T. BAILEY, . . . . .	North Scituate.
JOSEPH ALDER SARGENT, . . . . .	Pittsfield.



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# THE CALENDAR.

(SEE OPPOSITE PAGE.)

TWENTIETH SCHOOL YEAR, 1893-94.

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## FIRST (FALL) TERM, 1893-94.

September 7, Thursday,	. . . . .	Entrance examination begins.
October 25, Wednesday,	. . . . .	Autumn Arbor Day.
November 27 to December 5,	. . . . .	Mid-term recess.
January 25, 1894, Thursday,	. . . . .	First term ends.

WINTER VACATION, ONE WEEK.

## SECOND (SPRING) TERM, 1894.

February 1, Thursday,	. . . . .	Entrance examination begins.
February 22, Thursday,	. . . . .	Washington's birthday.
April 5, Thursday,	. . . . .	Fast Day.
April 16 to 24,	. . . . .	Mid-term recess.
April 25, Wednesday,	. . . . .	Spring Arbor Day.
May 30, Wednesday,	. . . . .	Memorial Day.
June 21, Thursday,	. . . . .	School year ends.

SUMMER VACATION, TWELVE WEEKS.

The twenty-first year (1894-95) begins with entrance examination on Thursday, Sept. 13, 1894.

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## SPECIAL NOTICE.

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Examinations for admission to the school are held twice a year, at the beginning of each term, — *and at no other time.* (See “Requirements for Admission,” page 15.)

Exercises of graduation occur once a year only, — namely, on the last day of the summer term, — and are always open to the public.

There is no session of the school on Monday. On other days the hours are from nine o'clock to four, with an intermission of an hour at noon.

Communications may be addressed to the principal, 1 Normal Street, or to Hon. E. B. Stoddard, 15 Ashland Street.

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## TEACHERS.

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E. HARLOW RUSSELL, <i>Principal</i> ,	1 Normal Street.
MISS REBECCA JONES,	15 Florence Street.
CHARLES F. ADAMS,	2 Normal Street.
MISS JULIET PORTER,	11 East Shelby Street.
HENRY W. BROWN,	5 Forest Avenue.
MISS HELEN F. MARSH,	Stoddard Terrace.
MISS ELLEN M. HASKELL,	Stoddard Terrace.
MRS. MARION J. SUMNER,	15 Chatham Place.
MISS ARABELLA H. TUCKER,	1 Chadwick Street.
MISS E. LOUISE RICHARDS,	Stoddard Terrace.
MISS OLIVE RUSSELL,	1 Normal Street.
JOHN CRON, <i>Janitor</i> ,	Stoddard Terrace.

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## ADDRESSES.

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The school has been favored during the year with addresses by the following persons: —

REV. CHARLES M. LAMSON, D.D.  
(*Anniversary Address*.)  
MISS ALICE V. PHELPS.  
REV. J. C. STOCKBRIDGE, D.D.  
MONS. JOSEPH DE PEROTT.  
MISS SARA E. WILTSE.  
MRS. EDMUND RUSSELL.  
REV. JINZO NARUSE.  
EDWARD A. SHELDON, Ph.D.

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## STUDENTS.

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### PURSUIING POST-GRADUATE STUDIES.

N. B. — Students whose names are marked with (A) have, besides passing through the regular course of study, served for a half-year as apprentices (see p. 19) in the public schools of the city of Worcester.

Carrie Maria Bunce (A),	. . . . .	Worcester.
Elida Maria Capen (A),	. . . . .	Charlton.
Mary Agnes Cunningham (A),	. . . . .	Worcester.
Alice Louise Day (A),	. . . . .	Worcester.
Marion Frances Dexter (A),	. . . . .	Franconia, N. H.
Elizabeth Anna Hagerty (A),	. . . . .	Worcester.
Marion Holbrook (A),	. . . . .	Worcester.
Abbie Curtis Knight (A),	. . . . .	Worcester.
Ellen Agnes McTiernan (A),	. . . . .	Worcester.
Mabel Dora Morrison,	. . . . .	Worcester.
Mary Catharine O'Connor (A),	. . . . .	Worcester.
Mrs. John H. Orr (A),	. . . . .	Worcester.
Elizabeth Adelaide Potter,	. . . . .	Worcester.
Effie Rilla Putnam,	. . . . .	Sutton.
Flora Addie Strong,	. . . . .	Starksborough, Vt.
Mrs. J. O. Emanuel Trotz (A),	. . . . .	Worcester.
Lura Augusta Wiley (A),	. . . . .	Worcester.

### SPECIAL STUDENT.

Lucy Adelaide Pratt, A. B.,	. . . . .	Worcester.
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### FIRST CLASS, JANUARY, 1893.

Grace Lyon Backus (A),	. . . . .	Chaplin, Conn.
Louise Maria Bray (A),	. . . . .	Boylston.
Annie Elizabeth Clancy (A),	. . . . .	Worcester.
Mary Catharine Clarke (A),	. . . . .	Worcester.
Florence Lane Cota (A),	. . . . .	New Braintree.
Alice Louise Day (A),	. . . . .	Worcester.
Alice Mary Day (A),	. . . . .	Worcester.
Ellen Maria Devlin (A),	. . . . .	Worcester.
Margaret Agnes Donnelly (A),	. . . . .	Worcester.
Emily Frances Fagan (A),	. . . . .	Webster.
Mary Julia Haas (A),	. . . . .	Shrewsbury.
Mary Eloise Hardy (A),	. . . . .	Worcester.
Anna Tracy Hickey (A),	. . . . .	Worcester.

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Alice Jane Hildreth, . . . . .	Worcester.
Emma Ada Hopwood (A), . . . . .	Worcester.
Rose Eva Keenan (A), . . . . .	Stoneham.
Mary Agnes Maroney (A), . . . . .	Worcester.
Ellen Teresa McGillicuddy (A), . . . . .	Worcester.
Katharine Louise McQuaid (A), . . . . .	Worcester.
Martha Evellne Peck (A), . . . . .	Rowe.
Catharine Regan (A), . . . . .	Gardner.
Margaret Blanche Toole (A), . . . . .	Worcester.

## FIRST CLASS, JUNE, 1893.

Margaret Theresa Brown (A), . . . . .	Millbury.
Jessie Sophronia Clapp, . . . . .	Worcester.
Mary Elizabeth Cody (A), . . . . .	Worcester.
Anna Elizabeth Conlon (A), . . . . .	Worcester.
Isabella Gertrude Diggins (A), . . . . .	Worcester.
Grace Lenora Geer (A), . . . . .	Worcester.
Annie Matilda Harrington (A), . . . . .	Paxton.
Mary Eleanor Higgins (A), . . . . .	Worcester.
Bertha Josephine Hopkins (A), . . . . .	Worcester.
Grace Agnes Hutchins (A), . . . . .	Templeton.
Mary Alice Loring (A), . . . . .	Westborough.
Grace Bangs Sawin (A), . . . . .	Athol.
Mary Ida Schultz (A), . . . . .	Worcester.
Mary Louise Scott (A), . . . . .	Worcester.
Ella Jane Thayer, . . . . .	Worcester.
Ina Adelaide Whitman (A), . . . . .	Marlborough.

## APPRENTICES.

Anna May Babcock, . . . . .	Worcester.
Sophia Elizabeth Belcher, . . . . .	Worcester.
Genevieve Bernardine Convery, . . . . .	Worcester.
Cornelia Vinson Davis, . . . . .	Worcester.
Katherine Gertrude Doon, . . . . .	Worcester.
Minnie Louisa Fish, . . . . .	Worcester.
Harriet Adelaide Foley, . . . . .	Worcester.
Edith Elizabeth Gunn, . . . . .	Northbridge.
Delia Madge Hale, . . . . .	Grafton.
Olive Isabel Harris, . . . . .	Worcester.
Marietta Matthews, . . . . .	Worcester.
Julia Agnes Mary McCabe, . . . . .	Worcester.
Anna Maria McPartland, . . . . .	Lelcester.
Anne Gertrude Murphy, . . . . .	Worcester.
Mary Ellen Camilla O'Connell, . . . . .	Worcester.

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Palne, . . . . .	Worcester.
Lawson, . . . . .	Worcester.
La Scott, . . . . .	Worcester.
Whitney, . . . . .	Worcester.
Lson, . . . . .	Worcester.
Goods, . . . . .	Worcester.

## SECOND CLASS.

As Albee, . . . . .	Uxbridge.
Blanchard, . . . . .	Worcester.
yle, . . . . .	Worcester.
eth Callahan, . . . . .	Millbury.
hamberlain, . . . . .	East Jeffrey, N. H.
Chamberlain, . . . . .	Worcester.
e Chapin, . . . . .	Worcester.
Cheney, . . . . .	Worcester.
olburn, . . . . .	Thayer, Mo.
Daly, . . . . .	Worcester.
h Davidson, . . . . .	Millbury.
Diemar, . . . . .	Worcester.
aton, . . . . .	Woburn.
abeth Flynn, . . . . .	Worcester.
e Harford, . . . . .	Worcester.
Kirby, . . . . .	Paxton.
th Kneeland, . . . . .	Worcester.
nard McCourt, . . . . .	Worcester.
ay McDonald, . . . . .	Worcester.
ghlin, . . . . .	Millbury.
oran, . . . . .	Worcester.
line Mullany, . . . . .	Worcester.
le O'Day, . . . . .	Worcester.
ne O'Gorman, . . . . .	Worcester.
O'Gorman, . . . . .	Worcester.
th Osgood, . . . . .	Barre.
Pollard, . . . . .	Worcester.
earns, . . . . .	Barre.
heeler, . . . . .	Bolton.
Wood, . . . . .	Mendon.

## THIRD CLASS.

drich, . . . . .	Southbridge.
Bascom, . . . . .	Holden.
Bourke, . . . . .	Worcester.
lisa Broderick, . . . . .	Worcester.
ince, . . . . .	Worcester.
hapin, . . . . .	Worcester.

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Gertrude Lavina Eames, . . . . .	Worcester.
Flora Torrey Edgecomb, . . . . .	Fitchburg.
Frances Isabelle Everett, . . . . .	Worcester.
Nellie Roena Fitch, . . . . .	Gardner.
Agnes Margaret Hagerty, . . . . .	Worcester.
Edith Maria Harlow, . . . . .	Shrewsbury.
Elsie Adelaide Hastings, . . . . .	Westborough.
Florence May Hodgdon, . . . . .	Sutton.
Florence Selina Jenkins, . . . . .	Worcester.
Frances Edna Joyce, . . . . .	Worcester.
Alice Louise King, . . . . .	Charlton.
Catherine Matilda Lynch, . . . . .	West Boylston.
Mary Evelyn Mack, . . . . .	Millbury.
Isabella Stuart Marden, . . . . .	Worcester.
Margaret Maria McAllister, . . . . .	Leicester.
Emma Frances McDonald, . . . . .	Worcester.
Hannah Teresa McDonnell, . . . . .	Worcester.
Margaret Rose McGowan, . . . . .	Worcester.
Elizabeth Gertrude McHugh, . . . . .	Worcester.
Eliza Jane Meyers, . . . . .	Worcester.
Helen Anna Moulton, . . . . .	Rutland.
Amy Gertrude Perkins, . . . . .	Templeton.
Alice Jennie Perry, . . . . .	Worcester.
Hilma Peterson, . . . . .	Worcester.
Harriet Elizabeth Porter, . . . . .	Louisville, Ky.
Hester Sophia Porter, . . . . .	East Lempster, N.H.
Elva Lizette Powers, . . . . .	Gardner.
Joanna Frances Riordan, . . . . .	Worcester.
Mary Teresa Ryan, . . . . .	Worcester.
Gertrude Elvira Ryder, . . . . .	Auburn
Annie Maria Sheehan, . . . . .	Millbury.
Isabelle Stevenson, . . . . .	Worcester.
Julia Ann Sullivan, . . . . .	Millbury.
Carrie Louisa Taft, . . . . .	North Oxford.
Catherine Agnes Walsh, . . . . .	Worcester.
Alice Stearns White, . . . . .	Bolton.
Katherine Ellen White, . . . . .	Worcester.
Alice Eudora Welch, . . . . .	Worcester.
Catherine Elizabeth Whitty, . . . . .	Fitchburg.
Margaret Anna Whitty, . . . . .	Fitchburg.
Margaret Mabel Wilkins, . . . . .	Worcester.

## FOURTH CLASS.

Emma Elizabeth Allison, . . . . .	Worcester.
Lulu Sheldon Botham, . . . . .	Webster.
Lydia Maud Barton, . . . . .	Worcester.

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Blanchard, . . . . .	Worcester.
Stings Bray, . . . . .	Boylston.
na Britt, . . . . .	Worcester.
Broonan, . . . . .	Worcester.
Elizabeth Buckley, . . . . .	Worcester.
Eth Burrage, . . . . .	Spencer.
E Butler, . . . . .	Worcester.
Cahill, . . . . .	Worcester.
Callahan, . . . . .	Barre.
ace Crane, . . . . .	Worcester.
argaret Cunningham, . . . . .	Boylston.
Donaher, . . . . .	Worcester.
ce Eames, . . . . .	Worcester.
a Gallagher, . . . . .	Worcester.
Elizabeth Graham, . . . . .	Worcester.
th Howe, . . . . .	Worcester.
Jackson, . . . . .	Worcester.
a Kneeland, . . . . .	Worcester.
gina Larkin, . . . . .	Worcester.
atthews, . . . . .	Worcester.
a McAuliffe, . . . . .	Uxbridge.
ret Nick, . . . . .	Worcester.
Palge, . . . . .	Shrewsbury.
rott, . . . . .	Worcester.
nica Sherin, . . . . .	Hopkinton.
Stone, . . . . .	Auburn.
Strong, . . . . .	Starksboro', Vt.
atherine Sullivan, . . . . .	Worcester.
n Sweetzer, . . . . .	Worcester.
ieve Vaughn, . . . . .	Gardner.

## SUMMARY OF NUMBERS.

es, . . . . .	17
ent, . . . . .	1
January, 1893, . . . . .	22
June, 1893, . . . . .	16
. . . . .	21
, . . . . .	30
. . . . .	47
, . . . . .	33
<hr/>	
er of different pupils in attendance for the year 1892-93, . . . . .	187
Children's Class, . . . . .	27

---

## STUDENTS TEMPORARILY ABSENT ON LEAVE.

Mabel Little Baldwin, . . . . .	Andover, N. H.
Mabel Florence Desper, . . . . .	Barre.
Florence Rebecca Alberta Fairfield, . . . . .	West Boylston.
Mabelle Fisher, . . . . .	West Boylston.
Gertrude Idella Johnson, . . . . .	Coos, N. H.
Jennie Melissa Keyes, . . . . .	West Dudley.
Maude Marion Monroe, . . . . .	Spencer.
Gertrude Agnes Nutting, . . . . .	Gardner.
Mary Gertrude Perry, . . . . .	Sutton.
Katie Frances Simonds, . . . . .	Ashby.
Winifred Agnes Wheelock, . . . . .	Leicester.

## CHILDREN'S CLASS.

NAMES.	AGES IN YEARS AND MONTHS.
Stanley Gilman Barker, . . . . .	4-11
Lilli Gunilla Bergström, . . . . .	4-5
Phoebe Lena Berglund, . . . . .	4-4
Charles Howard Blake, . . . . .	4-4
Mildred Ballou Blake, . . . . .	3-5
Charles Hall Boutwell, Jr., . . . . .	3-7
Edna Frances Crosby, . . . . .	4-11
John Bernard Crowley, . . . . .	4-2
Edmund Power Cunningham, . . . . .	4-8
Maurice Cunningham, . . . . .	3-4
Alice Genevieve Desper, . . . . .	3-6
William Doyle, . . . . .	4-1
John Joseph Dee, . . . . .	3-7
Rachel Margaret Dobie, . . . . .	4-2
Florence Almeda Eklund, . . . . .	4-9
Kittie Jennie Fennelly, . . . . .	4-2
Richard Edward Hontoon, . . . . .	3-1
Harry Carlton Lincoln, . . . . .	4-8
Stanley Bassett Macomber, . . . . .	4-8
Mary Lyndall Martin, . . . . .	4-0
Frances Theresa Madden, . . . . .	4-7
Nellie Isabel Paul, . . . . .	4-10
Edna Sanderson Porter, . . . . .	3-0
Annie Theresa Portle, . . . . .	4-6
Harold Edward Slater, . . . . .	4-4
May Crocker Smith, . . . . .	4-6
Harold Burdette Smith, . . . . .	3-6

## CIRCULAR OF INFORMATION.

### HISTORICAL SKETCH.

The following extract, from the thirty-seventh annual report (1872-73) of the Board of Education, gives in outline a history of the establishment of this school : —

By the terms of a Resolve which went into effect on the twenty-fifth day of June, 1871, the Board of Education were authorized and required to establish a State Normal School in the city of Worcester; and the trustees of the Worcester Lunatic Hospital were authorized and required to convey to the Board of Education and its successors a tract of land of not more than five acres, to be located by the Governor and Council, within certain limits fixed in the Resolve. An appropriation of sixty thousand dollars was made, upon condition that the city of Worcester should pay the Board of Education for the purposes named in the Resolve the sum of fifteen thousand dollars. This condition was promptly complied with. The tract was located by the Governor and Council Sept. 2, 1871; and on the nineteenth day of September, 1871, the conveyance was made by the trustees of the hospital to the Board of Education and its successors in trust, as directed.

The tract of land located is upon Hospital Hill in Hospital Grove (formerly so called), within a short distance of the new Union Depot now in process of erection, — a point at which, when the railroad arrangements now in progress shall be completed, pupils residing on the line of either of the roads leading into the city of Worcester can arrive in season for the commencement of school each day, and take the cars to return after the school exercises are finished.

The exercises of dedication took place on Friday, Sept. 11, 1874; and on the following Tuesday (September 15) the school was opened to pupils.

### THE BUILDINGS.

The school-house is a large, three-story, massive structure built of stone taken from the hill upon which it stands. Its position gives an extensive view of Worcester and its surroundings. From the front steps one looks westward down through clumps of trees over the city lying spread within an inner circle of rolling country. The site, moreover, has all the advantages that light and air can give it. It is not more than fifteen minutes' walk from the Union Station, wherein

centre the various lines of railroad by which a considerable portion of the pupils come in daily from their homes.

In its interior arrangement the building is spacious and unusually well fitted to the various needs of the school. Wide corridors and stairways, large and commodious wardrobe-rooms, class-rooms, study-rooms, lunch-room, and in the middle of the building a noble hall, all well lighted, make up an assemblage of conveniences and attractions not often met with even in structures of far greater cost. The main hall, by far the largest and pleasantest room in the building, is used as the daily living room of the school. It is well furnished with such books as the students most frequently need, and is adorned with busts of eminent men and with pictures, for the most part gifts of past graduating classes. The building is efficiently warmed by hot air as well as by steam.

In 1891 a new double building was erected upon the north side of the school grounds, consisting of a dwelling-house for the principal and a dormitory for teachers and students. The latter (Stoddard Terrace) furnishes excellent accommodations for twenty persons, exclusive of a basement tenement for the janitor.

The school grounds comprise five acres, enclosed by a substantial wall of masonry and diversified by picturesque slopes, with groups of trees and shrubs.

### AIM AND PURPOSE OF THE SCHOOL.

The Board of Education, by a vote passed May 6, 1880, stated the design of the school, and the course of studies for the State Normal School, as follows : —

The design of the normal school is strictly professional; that is, to prepare in the best possible manner the pupils for the work of organizing, governing and teaching the public schools of the Commonwealth.

To this end there must be the most thorough knowledge, first, of the branches of learning required to be taught in the schools; second, of the best methods of teaching these branches; and third, of right mental training.

The time of one course extends through a period of two years, of the other through a period of four years,\* and is divided into terms of twenty weeks each, with daily sessions of not less than five days each week.

\* The four years' course, being in the main intended for pupils who have not had high school training, is not recommended here, inasmuch as a large majority of our students have had or may easily obtain such training elsewhere before entering upon the normal school course.

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## STUDIES.

## TWO YEARS' COURSE.

Arithmetic, algebra, geometry, book-keeping.

Physics, astronomy, chemistry.

Physiology, botany, zoölogy, mineralogy, geology, geography.

Language, reading, orthography, etymology, grammar, rhetoric, literature, composition.

Pennmanship, drawing, vocal music, gymnastics.

Psychology, science of education and art of teaching, school organization, history of education.

Civil polity of Massachusetts and of the United States, history, school laws of Massachusetts.

## FOUR YEARS' COURSE.

In addition to the studies named above, the four years' course includes advanced algebra and geometry, trigonometry and surveying.

Advanced chemistry, physics and botany.

Drawing, English literature, general history.

Latin and French required; German and Greek as the principal and visitors of the school shall decide.

The visitors, at the request of the principal of the Worcester school, may have authority to substitute German for French, as they think the interests of the school from time to time demand.

The above is an enumeration of the studies. The order of the studies in the course is determined by the principal of each school, with the approval of the visitors of that school.

It needs to be stated that, while the foregoing list of subjects marks out the field covered in the school curriculum, it gives no adequate idea of the actual work done. It is made a special aim to seize every opportunity to give the pupils the benefit of whatever tends to fit them for the work of teaching. The spirit of this endeavor pervades the whole school. It influences the mode and character of most of the exercises, and imparts to the whole work a tone and zest difficult to describe, but which determines whatever of distinct character the normal school possesses.

## REQUIREMENTS FOR ADMISSION.

Candidates for admission must have attained the age of seventeen years complete, if males, and sixteen years, if females; and must be free from any disease or infirmity which would unfit them for the office of teacher. They must present a certificate of good moral char-



acter, give evidence of good intellectual capacity, be graduates of a high school whose courses of study have been approved by the Board of Education, or have an equivalent education, to be determined by an examination by the faculty of the school, under the direction of the Board of Visitors.

As an alternative, candidates may present as subjects for examination, one language other than English; algebra or geometry; one of the natural sciences; and general history or literature.

*N. B. It is probable that the foregoing requirements will not be enforced until the beginning of the school year on Thursday, September 13, 1894.*

Candidates must also declare their intention to complete the course of study in the school, if possible, and afterwards to teach in the public schools of Massachusetts.

**TIME OF EXAMINATION FOR ADMISSION.** — The regular examination begins on the first day of each term (see calendar); and applicants must be present at that time, unless detained by sickness or other imperative and unforeseen necessity.

The examination is held at the main building, and continues through two days, beginning at 9 A.M.; and lunch should be brought each day, on account of the distance of the school from the centre of the city.

*Students are not admitted to advanced classes, and must not expect to complete the elementary course in less than two years.*

**SPECIAL STUDENTS.** — Applications having been occasionally made by college graduates to take a special (elective) course at the school, it has for some time been the rule to allow such, in common with graduates of normal and scientific schools, the full advantage of the institution. On the completion of such a course a certificate is given, specifying the character and quality of the work done, and the fitness of the candidate to serve as a teacher in the public schools.

**LEAVE OF ABSENCE.** — It is often the case that, through weak health or stress of circumstances, pupils may be obliged to miss one, two, three or more terms. It is in the interest of such that the course need not be pursued uninterruptedly to the end. Students may, and often do, obtain leave of absence to teach or to rest, and resume

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their work afterwards. This divides, but of course does not shorten, their course of study.

**TERMS OF TUITION.** — Tuition, and also the use of all text-books and necessary school stationery (except drawing materials) are free to such as intend to teach in the public schools of Massachusetts, *whether residents of this State or not.* Those whose purpose is to teach in other States or in private schools are required to pay in advance fifteen dollars a term (thirty dollars a year) for tuition.

*Pupils who withdraw from the school without permission of the principal must pay at the rate of fifteen dollars a term for the tuition they have received.*

#### GOVERNMENT.

The government of the school is not a government of rules, nor even of laws. The school is not without law, but the pupils are led by suggestion, encouragement and admonition to become a law unto themselves. That this is a statement not merely of what is thought desirable as a method of government, but of what is actually accomplished, is the testimony of both official and casual visitors of the school. The pupils hardly realize that they are governed; they feel that they govern themselves.

#### HEALTH.

**INSTRUCTION IN HYGIENE.** — A marked feature of the school is the special attention directed not only to the physical well-being of the pupils, but to such instruction as will enable them to deal practically with living questions of hygiene as they arise in every-day life. The pupils are both taught to understand the conditions of healthful life, and trained and assisted to put into practice the instruction they receive in the care of health. They have careful oversight, and are advised individually according to their needs. No pupil enters the school without furnishing a physician's certificate of good health, and no pupil is allowed to remain whose physical condition is not thought equal to the demands of the school work. In cases of fatigue, exhaustion, or such indisposition as may unfit pupils for duty, they are advised to take immediate rest; and it is for the use of such that a quiet room, fittingly furnished, and one of the lightest and pleasantest in the building, has been set apart. Special efforts are made to

counteract any tendency to over-work, over-excitement, or hurry. No recitations or study periods are longer than forty minutes, and during the ample and frequent intervals of relaxation school work is completely put aside.

**RECREATION.** — The pupils find a fund of social recreation not only in the hall, which is provided with a piano, and which is thrown open to them to enjoy themselves as they will, but in the large lunch-room, used exclusively for the purpose that its name indicates. Shortly after midday the luncheons, left since the last recess in the hot closet, are brought out, and the room is soon made lively by the voices of a hundred or more pupils, seated in groups around tables filled to overflowing with the several contributions to this noonday feast. During the warmer months, however, even the lunch-room has to yield in attractiveness to the tree-shaded grounds about the building.

**PHYSICAL EXERCISE.** — A special time is set apart each day for physical exercises of some sort. These consist in part of training in the Ling system of gymnastics; they include also drill in the throwing of light balls, the handling of sticks or wands, marching to music, singing in chorus, or such exercise in or out of doors as is fitted to develop vigor and activity of body at the same time that it cultivates habits of precision and accuracy, and fits the pupils to meet some of the difficulties of drill and discipline in the profession for which they are being trained.

#### **PLATFORM EXERCISE.**

This exercise has the somewhat comprehensive aim of helping pupils to command their faculties and use their mother-wit amid the interruptions and distractions of the school-room. It consists of speaking, reading, drawing, etc., on the platform in presence of the school. The widest range is given to choice of subject and to manner of presenting it, with the single restriction of time. The prepared material must not occupy more than four minutes, although the questions asked by teachers and pupils may change the performance to extemporaneous speaking, and prolong it indefinitely. Forty minutes are used in this manner each day. No time is assigned to individuals, but each takes part when he chooses, or can find





APPRENTICE AT WORK (Geography, Grade IX- Winslow Street).

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portunity, with the well-understood provision that not less than  
persons must be prepared and on the platform every day. Since  
exercise is a trying one to pupils, there is little direct criticism,  
such as is made generally takes the form of commendation of the  
excellences of the performance. In reply to the question, "What  
school exercise was most profitable to you?" graduates are almost  
invariably to name this, or "The study of children."

#### THE LIBRARY.

The library has been made to contribute materially to the progress  
of the pupils, both in general intelligence and literary culture, partly  
by consequence of the device of placing it in the school hall and in  
recitation rooms, where it can be used at all times without formal  
dismissal. Books may be taken home on Saturday afternoons and  
returned until Tuesday; and, as they can be obtained more easily from  
this library than from any other, a large part of the pupils confine  
their reading to this collection. The result is an acquaintance with a  
new and large number of books of the best sort, and a manifest  
improvement in literary taste and in standards of excellence.

The almost unrestricted use of the library is not abused. While  
the appearance of the books is convincing evidence that they are  
much read, but few volumes have been lost or mutilated in the nine-  
teen years of the existence of the school, and it is rarely necessary to  
requisition for a book when it is needed.

The number of volumes is at present more than three thousand,  
and additions are constantly made, up to the limits of the funds  
available for the purpose.

#### APPRENTICESHIP.

The students in this school have the opportunity, before their  
graduation, of serving an apprenticeship at teaching in the public  
schools of Worcester.

The "apprentice" acts as assistant to the teacher of the city  
school; takes part in the instruction, management and general care  
of the pupils, under the direction of the teacher; and is sometimes  
entrusted with the sole charge of the school during the teacher's  
absence for an hour, a half day or a day. One student only at a  
time is assigned to any teacher, but each apprentice serves in at  
least three grades of schools.

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The time taken for the apprenticeship comes just before the final term in the normal school, and amounts to half a school year. But the apprentices spend one day of each week (Wednesday) at the normal school, where they are occupied in the following manner: —

They consult with the teachers and with one another, and make use of books.

They make informal statements to the school of such facts of their experience as it may profit the other pupils to know, — concerning ways of teaching, cases of discipline and the like, — keeping in mind always the private character of the daily life of the school-room, and under special warning against revelations that might seem objectionable.

Each apprentice keeps a diary of the occupation and experience of every day, and this record is inspected by the faculty of the normal school. The following extracts from diaries are given as specimens: —

MONDAY (Grade I). — At first I was a little surprised to find the children so large in the first grade. I had thought they would be quite little, but after I had been in the school a half day they did not seem so large or so much like second-grade children.

My teacher's manner towards the children impressed me at once; she was so considerate, sincere, cheerful, and interested. It seemed to me that she made the children feel that she was interested in each one individually. As I watched her I felt a kind of awe come over me, and also a great desire to attain a like bearing towards the pupils.

I gave a reading lesson in the afternoon.

TUESDAY (Grade I). — This afternoon my teacher visited some of the other teachers in the building and left me alone with the school. This was unexpected. When I asked the children if they would like to have me tell them a story, they showed me by sitting in order. While telling the story I had the attention of the whole school and when I finished I let them rest their heads on their desks. After I told the children to wake up, I said that if any child would like to paint some maple leaves which I had drawn on the board, he might tell me what color they are in summer. Many said that they are green. We had no shades of green chalk but only some light green; so I told the children that we would have to mix our own paint. After they had learned that blue and yellow make green, by seeing me mix them, I let one of the boys color the leaf which he liked best. I drew a violet, and after showing that red and blue make purple or violet, I let one of the girls make the coloring. One of the children colored an orange by mixing red and yellow chalk. They seemed pleased with the lesson, and I felt that it was not only amusement for them but useful also.

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WEDNESDAY (at the normal school). — In spite of the novelty of apprenticing I was glad to get back to the normal school. I enjoyed meeting the other girls, not only those in my own class but those in all the other classes also.

Miss T. talked with us, giving us a few hints and suggestions as to accuracy and the making ourselves a help rather than a hindrance to our teachers.

From talks given by Mr. R. I carried away this impression, among others, that an apprentice is likely to be a nuisance to her teacher if she is not careful to avoid this undesirable position by making herself agreeable and useful.

The last period was taken by the class as a social period. Several of us had found out one or two particularly interesting children in our schools, and we listened to each other's accounts with interest.

THURSDAY (Grade I). — The time seems to pass more quickly every day. During the physical exercise I found that I was helping by standing in front of one-half of the school and responding to my teacher's orders just as the pupils do, especially as the new comers have a better chance to see than they would if they watched the teacher.

To-day I took charge of these exercises, although I did not expect to. I found that practice is necessary to do it well, for it is something to give orders and do the thing right at the same time, and more to see that the children are doing it right. I feel as if I would like to take a little class, or a big one, to-night and practise with them.

FRIDAY (Grade II). — I hung up a prism this morning, and as the children were so interested in watching the colors I thought I would make use of their interest and give a color lesson instead of a plant lesson. It proved successful, and this afternoon the children brought leaves, pieces of cloth and ribbon, and an aster, for me to match with my color book.

My number lesson was more successful to-day. I held the attention of the children better.

SATURDAY (Grade I). — Yesterday afternoon the doctor told my teacher she must not go to school Saturday morning. I told her I should be willing to come and have the school alone and see how I should get along with it. The children did not seem to notice her absence. When I called out my reading class I saw that I should have trouble with Herbert, so I said, "Herbert is such a large boy that I am going to have him sit on the back settee this morning, and I know he will try to be so good to-day that I can let him sit there to-morrow." I had no trouble with him and he seemed very proud of what I had said to him.

I had no programme for Saturday morning, but I knew it was generally varied on that day, so I gave each child an elm leaf to draw round on their slates. I drew on the board what represented my slate and held a leaf up and drew round it. The children knew the name of the tree from which I got the leaves. After the simple outline was drawn I showed them how to put in the veins. Some did this very nicely, others made them straight across the leaf.

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The apprentice is visited by the faculty of the normal school w  
engaged in his work, is carefully observed and is aided by sug  
tions. The teacher of each school in which he has served makes  
a report in the following form : —

[STATE NORMAL SCHOOL AT WORCESTER.]

Report of the apprentice work of.....

Grade ..... Street School.

Time from ..... to .....

Scale, 10 — Use no fractions.

No. of Absences.	No. of Tardinesses.	Power of Control.	Power of Interesting.	Skill in Questioning.	Skill in Explaining and Illustrating.	Enthusiasm.	Be in

1. What traits of excellence (if any) have been shown in teaching or management?
2. What weakness or deficiency?

[Signature] .....

Important data are thus provided for an estimate of the ability  
students to instruct and control ordinary pupils in our common scho  
The additional six months of preparation required for the experie  
secure increased maturity of body and mind; and the students  
this school, with very few exceptions, eagerly avail themselves  
their opportunity.

The main object of the apprenticeship is, however, to give  
student practical acquaintance with the teaching of children thro  
daily observation and practice under supervision, direction :  
criticism.

Our graduates, after the lapse of a sufficient number of years  
them to estimate the effects of the apprenticeship upon themsel  
testify almost unanimously to its great value. Some regard it  
“ the most important term in the whole course of the normal scho

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"By the kindly criticism of my teachers I was enabled to correct many faults before I became confirmed in them. I also gained many important ideas in school management that have been of great service to me."

"Even after four years I frequently find myself influenced in ordering or planning my work by memories of my apprenticeship."

"It helped me to see the practical side of teaching and showed me some of the difficulties which I should have to meet when I became a teacher."

The school board of the city of Worcester heartily approve the apprenticeship on the ground of the benefit accruing indirectly to the city schools, through the greater fitness of the apprentices to become teachers.

As the student of the normal school who passes successfully through the period of apprenticeship receives a certificate of the fact in connection with his diploma at graduation, the extra time required for the experience must in almost every case be more than made good by the greater probability of securing a position, and the greater likelihood of success at the outset of the teacher's career.

There are, however, individuals in the school for whom it is impossible or impracticable to undertake this special preparation. The apprenticeship is not enforced upon any student; it is simply recommended. Individuals who do not enter upon it enjoy all the advantages of the school, with this single exception.

#### THE STUDY OF CHILDREN.

The school is much indebted to Dr. G. Stanley Hall for a suggestion that the study of psychology might be pursued in part by the original observation of children. From his idea as a starting-point, a scheme for this purpose has been worked out and adopted as a permanent part of the school curriculum.

The principal requests the students to observe the conduct of children in all circumstances, — at home, at school, in the street, at work, at play, in conversation with one another and with adults, — and record what they see and hear as soon as circumstances will permit. When the nature of the work is explained to the school, great emphasis is placed upon the necessity of having the records genuine beyond all possibility of question; of having them consist of a simple, concise statement of what the child does or says, without comment by the writer; of making both the observation and the record without

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the knowledge of the child ; and of noting the usual, rather than the unusual, conduct of the individuals observed.

For convenience in classification, blanks of six colors are provided for the records. White paper is used for such observations as students make themselves ; red for well-attested ones reported by others ; yellow for reminiscences of their own childhood ; green for mention of whatever they read on the subject ; blue for exceptional or defective children ; and chocolate for observations that extend continuously over a period of time. Each blank has the following heading : —

[STATE NORMAL SCHOOL AT WORCESTER.]

#### STUDY OF CHILDREN.

"I worked on true Baconian principles, and without any theory collected facts on a whole-sale scale . . . ." — *Darwin, Autobiography.*

1. Date, .....
2. Observer's name, ..... age, .....  
P. O. address, .....
3. Name (or initials) of person (child) observed, .....  
sex, ..... ; nationality, ..... ; age (yrs. and mos ), .....
4. Length of time between making the observation and recording it, .....

#### RECORD.

If the record is from hearsay, the names of both recorder and observer must be given.

Pupils write the records at their convenience (immediately after making the observation is the best time) and put the papers in a designated place. A teacher reads them from time to time, and classifies them under the heads knowledge, reflection, imagination, conscience, feeling, play, etc.

Both teachers and pupils feel that no other part of the pedagogical training has so direct an influence in developing the qualities most sought in a teacher. It is clearly manifest that it awakens curiosity

concerning the phenomena of child nature, excites intelligent sympathy with children, and contributes to skill in discipline and instruction. Graduates and apprentices give abundant testimony on all these points.

The work of making observations is not compulsory, but nearly all members of the school engage in it from genuine interest. A few selected papers are placed from time to time where they may be read by all who care for them. How far these serve as stimulus and example is not known; but every day, not excepting the first day of a term, brings its supply of records, even though the subject may not have been explicitly mentioned for months. It is indeed the most nearly self-sustaining exercise in the school.

Many valuable records are reports of what is seen in the street on the way to or from school, but perhaps the highest value attaches to the reminiscences of the observer's own childhood. To recall one's own feelings, motives and conduct, in circumstances that are repeated in the life of every child, proves, as might be expected, in a high degree salutary, and affects sensibly the manner of judging others. The frankness and humor with which this kind of report is made are often very interesting.

Systematic instruction in psychology is aided both in the way of preparation and supplement by this additional study. Pupils are thus furnished at the outset with facts of their own observation, which serve as elementary materials for scientific classification and study; they have a habit of observing a certain class of phenomena, and have received suggestions and cautions that are of service to them in other departments: they are able to pass more easily to mental science, because they have learned that that, as well as natural science, can be pursued by an objective method; they have an already awakened and active interest in the subject that gives them pleasure in learning general principles, sometimes in part known by their own observations; and, moreover, they attach a different value to a textbook which they see is a natural outgrowth of an experience like their own.

As all students make observations, many records have no value apart from the wholesome endeavor that made them; but a progress in the significance of the things noticed and in the manner of recording them is apparent. During the latter part of a term the proportion of significant and valuable papers is greater than during the first

part. All papers are carefully preserved (about two thousand have been collected each year), and it is hoped that they may be of value to students of child-nature ; but the primary object of collecting them is the training of prospective teachers, and so highly does the work commend itself as a means to this end, that, if nothing ulterior to this is gained, complete satisfaction, and no disappointment, will be experienced.

Those who may desire a fuller exposition of the method and its results are referred to The Pedagogical Seminary (Clark University), Vol. I., No. 2, and Vol. II., No. 3.

#### PLANT STUDY.

Considerable emphasis is laid on the study of plants in this school, as being perhaps the branch of natural science best adapted to our public schools. This has come to mean with us a great deal more than mere technical botany, of which, indeed, we have comparatively little.

Effort is made by means of the collection and study of plants to awaken our pupils to a consciousness of all out-door things, to extend and refine their observation and develop an interest in nature that shall be genuine and lasting. The regular class instruction is made to extend throughout a year in order to give opportunity for the study of all stages of plant life. All students collect specimens, thus gaining acquaintance with the natural conditions of their growth, and, according to the season, buds, leaves, flowers and fruits are studied and classified. For practical work in germination each pupil is furnished with a flower-pot and encouraged to make experiments with a variety of seeds and to exhibit results. Many kinds of winter buds are opened in the house and the characteristic vernalization of shrubs and trees noted. Forms of leaves are preserved by means of impressions made in printers' ink ; flowers are pressed and mounted for the school herbarium ; other parts of plants are fixed on cardboard and temporarily preserved, such as seed vessels, twigs, buds, bark, etc. Several more extensive collections have also been made ; one of seeds, one of leaves of trees growing in Worcester County, one of flowers growing naturally on the school grounds, one (small as yet) of our native woods. Considerable study is made of our common indigenous trees, particularly their characteristic appearance in the different seasons. Directories have been made of the locali-

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ties of trees and flowering plants in the vicinity, and records of their times of blossoming from year to year. Special blanks, similar to those used in our study of children, are furnished for recording particular observations. A daily exhibit is made by the pupils in turn, extending throughout the year, of some single plant in bud, leaf, flower or fruit, with its common and scientific names. Topics of wide, general interest are assigned from time to time for students to read and report upon, such as connection of forests with water supply, plants named in the Bible, geographical distribution of plants, etc. Much is made of the autumn color display, leaves being brought in every day and exhibited on screens, as well as placed in glass frames and hung in windows to be seen by transmitted light. In object drawing great use is made of plant forms. Our library is particularly rich in the literature of out-door nature, and much of the reading of our students is in this direction. Twice a year an Arbor Day is set apart for a practical application of what has been learned as to soils, planting, transplanting, pruning, etc., and not only on those days but all through the growing season the pupils of the school, divided into six groups and under leaders of their own choosing, take the whole charge of that number of beds or "pockets" and finally put them in order for the winter.

### DRAWING.

The class work includes the following topics : —

1. Blackboard drawing (illustrative and extending throughout the course).
2. Color. Scales of color (standards); harmonies of color; elementary design.
3. Clay modelling.
4. Paper cutting; splint laying.
5. Mechanical drawing. Geometric problems; working drawings; development of surfaces.
6. Plant forms. Budding twigs; leaves; flowers; seed vessels.
7. Applications of color. Hues, and "broken" colors; arrangements in design; historic ornament.
8. Model and object drawing.

The method is based on the idea that drawing is a language, and from the first the student is encouraged to use this language daily, especially at the blackboard. In every class and every subject where

language is used a premium is put on any drawing, however rude, that can serve as an added means of expression. Stress is therefore laid upon courage and intelligence in every effort rather than the mere manual dexterity that may be a natural gift or may come by practice.

#### CHILDREN'S CLASS.

An interesting feature of the present year has been the opening within the school building of a children's class or kindergarten. It has numbered twenty-seven children between three and five years old, including both sexes in about equal numbers, and has been in special charge of Miss E. Louise Richards, an accomplished and experienced kindergartner, assisted by Miss Olive Russell, a graduate (1889) of the normal school.

A beautiful and sunny suite of rooms in the south-west corner of the ground floor has been properly fitted up for its accommodation, and the class is the object of great attraction and interest on the part of students and teachers. It is made servicable to our pupils— for purposes of daily observation and study, but not for practice. The class affords excellent opportunities for certain lines of child study and for experimentation in elementary teaching and the care and management of young children ; and it exhibits to our students the earliest forms and phases of the work which they are to undertake in its next stage.

The sessions are held from 9 till 12 every week-day except Monday, with holidays and vacations coinciding with those of the normal school.

Only children who are in good health and who have been vaccinated are received.

No charge is made for tuition, and no obligation to follow any regular course of instruction or training is assumed.

The presence of visitors (except the parents of the children) was found to interfere seriously with the work of the class, and we were therefore reluctantly compelled to except this class from general visitation.

#### GENERAL FACILITIES.

INCIDENTAL ADVANTAGES. — Important facilities for general improvement are offered to pupils in the libraries, institutions and other means of culture in which Worcester is rich.

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CHILDREN'S CLASS (1893).

[illegible]

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26



CORNER OF STUDENT'S ROOM (Stoddard Terrace)

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The extensive and well-arranged museum of the Worcester Natural History Society is open for inspection, and specimens in all departments can be borrowed by teachers and students, and taken to the school for purposes of study and illustration.

The hall of the American Antiquarian Society contains a notably rich store of interesting exhibits, and the library includes a rare treasury of books pertaining to American history.

The Free Public Library stands almost unique among the institutions of the kind in this country for the effective relationship existing between it and the schools. Its large and well-endowed reference library, its well-filled circulating department, its reading-rooms, supplied with the leading domestic and foreign papers and periodicals, afford exceptional opportunities to the schools. Special facilities are offered to teachers and pupils, and the librarian is unsparing in his efforts to render every aid in the choice and use of books, or in any way in which he can assist the reader.

**RAILROAD FARES.** — The six lines of railroad centring in Worcester afford easy communication with the neighboring towns and villages. Season tickets or mileage tickets are issued to pupils of the normal school at greatly reduced rates, and the daily sessions of the school are so arranged as to accommodate those who wish to come and go by the cars.

#### GENERAL INFORMATION.

**BOARD AND ROOMS.** — Students are advised to board in the city, if possible. Not much is saved pecuniarily by those who go in and out every day by rail, and the loss of time and the incidental exposure put them at serious disadvantage.

#### STODDARD TERRACE,

previously described, affords very superior furnished rooms — it is not a boarding-house, but a dormitory — for about twenty students and teachers. Those who lodge here find table-board in families near at hand. All particulars may be obtained from the principal, to whom early application for rooms should be made.

Other boarding places in respectable private families in the neighborhood, approved by the authorities of the institution, are easily obtained. To such as seek information or advice in this direction the principal is ready to give every assistance in his power.

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The average cost of board in families (generally including fuel, light and washing) has been ascertained to be \$4.00 to \$4.50 per week.

INCIDENTAL EXPENSES. — The necessary incidental or miscellaneous expenses have averaged about five dollars for each pupil for the term, or ten dollars a year.

These averages imply strict economy on the part of pupils, and in making an estimate of expenses it would probably be unsafe to go below the above figures.

#### STATE AID.

The Commonwealth has regularly appropriated several hundred dollars a year to each of its normal schools, to be divided among such pupils as are most needy and deserving. This school of course receives its proper share of such funds, and is able to render assistance to a number of students each year.

The State also gives the use of all the text-books required in the course, as well as free access to an ample and well-selected library of reference and general literature.

#### NORMAL SCHOOL SCHOLARSHIPS AT HARVARD.

There are eight scholarships in the scientific school of Harvard University for the benefit of graduates of the State normal schools. The annual value of each of these scholarships is one hundred and fifty dollars, which is the price of tuition, so that the holder of the scholarship gets his tuition free.

The incumbents are originally appointed for one year, on the recommendation of the principals of the schools from which they have been severally graduated. These appointments may be annually renewed, on the recommendation of the faculty of the scientific school.

#### TO VISITORS.


A hearty invitation is extended to the parents and friends of pupils — to all, in fact, who may feel inclined — to visit the school, and see the current and method of its daily working. *The first two and last two weeks of a term are, obviously, the least favorable times for a visit.*

The school committees and superintendents of the neighboring towns are particularly and earnestly urged to make themselves acquainted with this school, — especially designed, as it is, to aid

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them in their work of improving our public instruction,—and to introduce to its advantages such young teachers of promise as aspire to more thorough preparation for their calling.

The school is not in session on Mondays. On other days the hours (leaving out the noon recess) are from nine o'clock to four, an arrangement that has been found the most convenient for ninety-six per cent. of the pupils.



## APPENDIX.

## GRADUATES.

NOTE. — All the graduates have been examined and approved as teachers for the schools of Worcester by the examining committee of the school board of the city.

When any change of name or residence has been reported, indicated immediately under the name and residence at the time of graduation. Graduates will see that it is very desirable to have notice of changes promptly sent to the principal.

## FIRST CLASS, JULY, 1876.

NAMES.	RESIDENCES.
Lydia Walker Ball, . . . . .	Upton.
Harriet Crook, . . . . .	Valley Falls.
Mrs. Fred. Snider, Northampton.	
Ella Eudora Goddard, . . . . .	Worcester.
Ella Jane Lyford, . . . . .	Spencer.
Died in Worcester, Jan. 30, 1891.	
Joseph Chauncey Lyford (Secretary), . . . . .	Spencer.
Worcester.	
Marianna Newton, . . . . .	Worcester.
Mrs. Henry E. Chace, Fall River.	
Alice Vara Proctor, . . . . .	Spencer.
Mrs. Nathan A. Cobb, Sydney, Australia.	
Hannah Arabella Tucker, . . . . .	North Brookfield.
Celia Eliza Whiteman, . . . . .	Le Roy, N. Y.
Mrs. George H. Marsh, Kenmore, N. Y.	
Fanny Alberta Williams, . . . . .	Worcester.

## SECOND CLASS, JANUARY, 1877.

Frances Maria Athy, . . . . .	Worcester.
Effie Lillian Bennett (Secretary), . . . . .	Worcester.
Mrs. J. J. Miller, Worcester.	
Sarah Ann Boyd, . . . . .	Cherry Valley.
Florence Emily Brown, . . . . .	East Douglas.
Mrs. Horace B. Martin, East Douglas.	
Harriet Abigail Brown, . . . . .	East Douglas.
London, Eng.	

NAMES.	RESIDENCES.
Mary Ellen Cecelia Carroll, . . . . .	Worcester.
Jennie Lullona Dearborn, . . . . .	Worcester.
Clara Amelia Grout, . . . . .	Worcester.
Mrs. John W. Nichols, Barre, Vt.	
Milly Jane Hall, . . . . .	Upton.
Mrs. Henry L. Patrick, Hopedale. . . . .	
Gertrude Hawkins, . . . . .	Fitchburg.
Mrs. Charles F. Wilson, Fitchburg.	
Augusta Seaver Houghton, . . . . .	Wilkinsonville.
Mrs. Louis E. Chase, Wilkinsonville.	
Annie Devereaux Johnson, . . . . .	Worcester.
Mrs. James Logan, Worcester.	
Helena Adelaide Marie Kalaher, . . . . .	Worcester.
Gertrude Mitchell King, . . . . .	Nantucket.
Margaret Jane McCann, . . . . .	Worcester.
Mary Elizabeth Murphy, . . . . .	Worcester.
Philadelphia, Pa.	
Jeanette Maria Putnam, . . . . .	Northbridge.
Mrs. Edward E. Clark, Auburndale.	

## THIRD CLASS, JULY, 1877.

Carrie Maria Adams, . . . . .	Worcester.
Emma Abble Bigelow, . . . . .	Holden.
Mrs. E. C. Houghton, Newtonville.	
Ida Frances Boyden, . . . . .	Oakham.
Mrs. Alvan H. Brown, East Douglas.	
Jennie Ellis Chandler, . . . . .	Duxbury.
Bridgewater.	
Bessie Alice Chase, . . . . .	Worcester.
Mrs. Edmund P. Capron, Boston.	
Josephine Percy Chase, . . . . .	Worcester.
Mrs. George B. Cowell, Providence, R. I.	
Katie Agnes Coughlin, . . . . .	Worcester.
Mrs. David L. Bradt, Worcester.	
Mabel Crane, . . . . .	Blackstone.
Mrs. W. Henry DeLong, Worcester.	
Mary Rebecca Doherty, . . . . .	Worcester.
Mrs. Thomas D. Connolly, Beverly Farms.	
Eliza Ann Fairbanks, . . . . .	Westborough.
Mrs. C. H. Hersom, Westborough.	
Ellen Montgomery Fitts, . . . . .	Worcester.
Mrs. Robert M. Higgins, St. Louis, Mo.	
Mary Elizabeth Fitzgerald, . . . . .	Worcester.
Ida Louise Gaskill, . . . . .	Blackstone.
Ella Eudora Hall, . . . . .	Worcester.
Mrs. Alfred C. Bradish, Worcester.	



NAMES.	RESIDENCES.
Mary Field Harrington, . . . . .	Worcester.
Anna Beatrice Hopkins, . . . . .	Worcester.
Mrs. John H. Leland, Worcester.	
Olive Rice Jenks, . . . . .	Spencer.
Mrs. Benjamin S. Crocker, Chicago, Ill.	
Lucia Naomi Jennison, . . . . .	East Templeton.
Worcester.	
Mary Ann Kean, . . . . .	Worcester.
Mrs. James Early, Worcester. Died in Worcester, Oct. 9, 1891.	
Anna Maria Murray, . . . . .	Worcester.
Katie Ann McCarthy, . . . . .	Worcester.
Minnie Willietta Sherman, . . . . .	Worcester.
Anna Maud Smith, . . . . .	Worcester.
Mrs. Otis A. Merrill, Lowell. Died in Lowell, April 30, 1886.	
Hattie Urania Thwing, . . . . .	Worcester.
Mrs. Charles F. Smith, Worcester.	
Annie Teresa Timon, . . . . .	Worcester.
Isabella Livingston Tullis, . . . . .	Worcester.
Mrs. Belle T. Harding, Brooklyn, N. Y.	
Jennie Abbie Whitney (Secretary), . . . . .	Worcester.
Mrs. Henry H. Browning, Haverhill.	

## FOURTH CLASS, JANUARY, 1878.

Lizzie Joanna Andrews, . . . . .	Worcester.
East Milton.	
Addie Jane Booth (Secretary), . . . . .	Worcester.
Mrs. Alvarado A. Coburn, Worcester.	
Ella Agnes Casey, . . . . .	Worcester.
Elizabeth Edwina Chapin, . . . . .	Worcester.
Jennie Cora Clough, . . . . .	Worcester.
Edna Currier, . . . . .	Worcester.
Mrs. Amory C. Holden, Worcester.	
Anna Crosby Cutting, . . . . .	Templeton.
St. Paul, Minn.	
Katie Anna Fallon, . . . . .	Worcester.
Mrs. Thomas W. Butler, Worcester.	
Addie Eliza Kendall, . . . . .	Worcester.
Mrs. William E. Waitt, Worcester.	
Armina Lillian Paul, . . . . .	Worcester.
Mrs. James C. Stewart, Worcester.	
Lilla Maria Rice, . . . . .	Grafton.
Mrs. Charles L. Ware, Fort Scott, Kan.	
Fanny Louise Smythe, . . . . .	Worcester.
Mrs. John F. Kyes, Worcester. Died in Worcester, April 19, 1882.	

NAMES.	RESIDENCES.
Marietta Sykes, . . . . .	Blackstone.
Mrs. Edward D. Brown, Minneapolis, Minn.	
Mary Alice Winter, . . . . .	Northbridge.
Mrs. Harold Foss, Westbrook, Me.	

## FIFTH CLASS, JULY, 1878.

Nettie Eliza Adams, . . . . .	Fitchburg.
Mrs. J. Chauncey Lyford, Worcester.	
Elizabeth Estelle Bent, . . . . .	South Gardner.
Mrs. Elizabeth B. Eaton, South Gardner.	
Emma Frances Brown, . . . . .	Worcester.
Isabella Newton Eddy, . . . . .	Leicester.
Mrs. Charles T. Newton, Millbury.	
Mary Abby Hayward, . . . . .	Ashby.
Mrs. Thomas A. Callahan, Worcester.	
Mary Elizabeth Houghton (Secretary), . . . . .	Worcester.
Mrs. C. David White, Washington, D. C.	
Isabel Pemberton Morey, . . . . .	West Brookfield.
Harriet Betsey Sargent, . . . . .	South Gardner.
Philadelphia, Pa.	
Carrie Angellica Smith, . . . . .	Worcester.
Mrs. Herbert W. Chamberlain, Worcester.	
Nellie Blake Webber, . . . . .	Worcester.
Mrs. Winslow S. Lincoln, Worcester.	

## SIXTH CLASS, JANUARY, 1879.

Jennie Irene Adams, . . . . .	Fitchburg.
Mrs. Charles F. Martensen, Springfield.	
Hattie Woodward Arnold, . . . . .	Westborough.
Mrs. D. O. Clark, Warren.	
Emma Buckley, . . . . .	Worcester.
Mary Rosalie Goddard (Secretary), . . . . .	Worcester.
Mary Emma Hastings, . . . . .	Westborough.
Waltham.	
Jennie Leonora Higgins, . . . . .	Worcester.
Mrs. James E. Smith, Worcester.	
Effie Frances Kinne, . . . . .	Plainfield, Conn.
Mrs. Edwin D. Goodell, Brookfield.	
Katie Agatha McLoughlin, . . . . .	Worcester.
Hattie Stearns Putnam, . . . . .	Worcester.
Sarah Elizabeth Rogers, . . . . .	Worcester.
Mrs. Edwin N. Sanderson, Fort Edward, N. Y.	
Adeline Estelle Sprague, . . . . .	Worcester.
Mrs. Fred. F. Sprague, Worcester.	
Marion Capitola Tucker, . . . . .	North Brookfield.
Mrs. Frederick N. Hunter, Spencer.	

## SEVENTH CLASS, JULY, 1879.

NAMES.	RESIDENCES.
Eugene Bacon, . . . . .	Frammingham.
Nobscot.	
Mary Ella Clark, . . . . .	Paxton.
Susan Drake, . . . . .	Spencer.
Died in Spencer June 16, 1888.	
Maggie Agnes Flaherty, . . . . .	Worcester.
Emma Lorette Giffin, . . . . .	Templeton.
Mrs. Charles H. Wright, Wilmington, Del.	
Katie Elizabeth Kenney, . . . . .	Worcester.
Milford.	
Ellen French Lindsay, . . . . .	Grafton.
Worcester.	
Henrietta Agnes Murray (Secretary), . . . . .	Worcester.
Memphis, Tenn.	
Anna Harriet Newton, . . . . .	Paxton.
Mrs. Fred. Barnes, Worcester.	
Edwin Thomas Painter, B.S., . . . . .	Worcester.
Edwin Thomas Painter, M.D.	
Emma Miller Plimpton, . . . . .	Northbridge.
Worcester.	
Mary Agnes Rourke, . . . . .	Worcester.
Mary Abbie Sanborn, . . . . .	West Baldwin, Me.
Mrs. George B. Paddock, Minneapolis, Minn.	
Abby Brewer Shute, . . . . .	Auburn.

## EIGHTH CLASS, JULY, 1880.

Sarah Maria Averill, . . . . .	Plainfield, Conn.
Cora Anna Baldwin, . . . . .	Worcester.
Mary Elizabeth Barnard, . . . . .	Harvard.
Mrs. William J. D'Ewart, Worcester.	
Mary Mead Bowen, . . . . .	Mianus, Conn.
Worcester.	
Mary Etta Buxton, . . . . .	Worcester.
Mrs. Robert W. Robinson, Worcester.	
Sarah Maria Davis, . . . . .	Webster.
Daisy Alice Miranda Fairchild, . . . . .	Worcester.
Mrs. Sidney A. Sherman, Providence, R. I.	
Hattie Grant Gates (Secretary), . . . . .	Worcester.
Mary Gertrude Griggs, . . . . .	Worcester.
Etta Lorenda Hill, . . . . .	West Upton.
Mrs. Edward H. Forbush, Medford.	
Caroline Elizabeth Howe, . . . . .	Paxton.

NAMES.	RESIDENCES.
Mary Anne Kane, . . . . . Mrs. John A. Howard, Spencer.	North Brookfield.
Harriet Lightbourn, . . . . . Mrs. Henry W. Cobb, Worcester.	Worcester.
Alice Eliza Meriam, . . . . .	Worcester.
Emma Sophronia Peirce, . . . . . Died in Worcester, March 26, 1884.	Leicester.
Nellie Louisa Pierce, . . . . . Mrs. Fred. W. Fogg, Worcester.	Chesterfield, N. H.
Rosa Isabelle Seavey, . . . . . Mrs. William C. Howe, Worcester.	Worcester.
Anna Philena Smith, . . . . .	Central Village, Conn.
Maude Mary Smith, . . . . . Mrs. S. G. Lynn, Saundersville.	Grafton.
Marina Harwood Tucker, . . . . . Mrs. Wilber W. Hobbs, Worcester.	North Brookfield.

## NINTH CLASS, JULY, 1881.

N. B. — Graduates whose names are marked with (A) have, besides passing through the regular course of study, served for a half year as apprentices (see page 19), in the public schools of the city of Worcester.

Selma Petronella Ahlstrom (A), . . . . . Mrs. J. O. Emanuel Trotz, Worcester.	Worcester.
Hattie Bond Andrews (A), . . . . .	Worcester.
Olive Maria Butler, . . . . . Mrs. Charles F. Howard, Orange. Died in Meriden, Conn., Dec. 22, 1889.	Worcester.
Elida Maria Capen (A), . . . . .	Charlton.
Rebecca Harlow Davie, . . . . .	Worcester.
Wilton Herbert Desper, B.S., . . . . .	Worcester.
Edward Doolittle Fitch, . . . . . Edward Doolittle Fitch, M.D., Worcester.	Worcester.
Anna Trask Kelly (A), . . . . .	Worcester.
Mary Emily McCormick (A), . . . . . Mrs. Edward W. Erwins, Worcester.	Worcester.
Alice Caroline Mason (A) (Secretary), . . . . . Mrs. George F. Barnard, Worcester.	Worcester.
Catherine Theresa Nevins (A), . . . . .	Nantucket.
Georgiana Maria Newton (A), . . . . .	Worcester.
Bertha May Peckham (A), . . . . . Mrs. Elmer I. Balcom, Whitinsville.	Southborough.
Elizabeth Nettie Robinson, . . . . . Mrs. W. S. Hincks, Worcester.	Templeton.
Angenette Ethelinda Stone (A), . . . . . Minneapolis, Minn.	Northbridge.
Jennie Matilda Tainter (A), . . . . . Mrs. James H. Sutton, Worcester.	Worcester.

## TENTH CLASS, JANUARY, 1882.

NAMES.	RESIDENCES.
Florence Bicknell (A), . . . . . Died in Boston, May 28, 1885.	Rowe.
Alice Chapin (A), . . . . .	Auburn.
Abble Mitchell Dorr, . . . . . Medfield.	Southborough.
Mary Blake Dudley (A), . . . . . Mrs. W. B. Beach, Jr., New York City.	Worcester.
Emma Gertrude Goodwin (A), . . . . .	Worcester.
Abble Calista Hale, . . . . . Moorehead, Minn.	Hubbardston.
Lizzie Frances Jones (A), . . . . .	Lunenburg.
Fransess Dolbell Martin, . . . . . Mrs. Adam Creelman, Newark, N. J.	Worcester.
Ida Marion McCambridge (A) (Secretary), . . . . .	Worcester.
Elizabeth Adelaide Potter, . . . . .	Worcester.
Mary Ella Proctor (A), . . . . . Mrs. Henry B. Quimby, Malden.	Worcester.
Anna Bush Ranger (A), . . . . . Mrs. Elmore F. Johnson, Worcester.	Worcester.
Sarah Lydia Sawyer, . . . . . Mrs. John W. Jigger, Hyde Park.	Fitchburg.
Caroline Isabel Stone (A), . . . . . Mrs. William Woodward, Worcester.	Auburn.
Mabel Burnside Tew (A), . . . . . Mrs. Hiram E. Barnard, Worcester.	Worcester.
Anna Laura Wells (A), . . . . . Mrs. Benjamin T. Henry, Rowe.	Rowe.
Mary Blanche Wheatley (A), . . . . . Died in Worcester, Feb. 7, 1886.	Worcester.

## ELEVENTH CLASS, JUNE, 1882.

Harriet Almira Baker, . . . . .	Phillipston.
Addie Maria Blenus, . . . . . Mrs. J. William Patston, South Framingham.	Worcester.
Anna Theresa Cavanaugh (A), . . . . .	Worcester.
Louis Richards Condry, . . . . .	Groton.
Ann Fosket (A), . . . . . Worcester.	Webster.
Mary Elizabeth Horgan (A), . . . . . Mrs. John J. Brennan, Worcester.	Worcester.
Mary Eliza Jenks (A), . . . . . Mrs. George S. Boutelle, Worcester.	Spencer.
Julia Ardelle Mann (A), . . . . .	Blackstone.
Edwin Scott Matthews, B. S., . . . . . Boston.	Worcester.

NAMES.	RESIDENCES.
ace Emily Pearl (A), . . . . .	Southborough.
Mrs. Albert C. Brown, Fitchburg. Died in Fitchburg, Feb. 20, 1891.	
ia Dora Saunders (A), . . . . .	Worcester.
Mrs. John W. Dodd, Worcester.	
unie Melenda Sprout, . . . . .	Worcester.
Died in Worcester, Feb. 24, 1886.	
na Daniels Stowell (A) (Secretary), . . . .	Worcester.
Mrs. George H. Johnson, Worcester.	
ry Florence Stratton (A), . . . . .	Millbury.
Mrs. Walter N. Walling, Auburndale.	

## TWELFTH CLASS, JANUARY, 1883.

rtha Dowse Adams (A), . . . . .	Worcester.
Boston.	
rriet Annie Colton, . . . . .	Oxford.
Mrs. Frederick A. Wellington, Webster.	
ry Ellen Convery (A), . . . . .	Worcester.
annah Mary Kickham (A), . . . . .	Worcester.
ry Catherina Morrissey (A), . . . . .	Worcester.
bel Piper (A), . . . . .	Worcester.
Mrs. Orestes T. Doe, Franklin.	
na Theresa Smith (A), . . . . .	Worcester.
ry Celia Smith (A) (Secretary), . . . . .	Worcester.
a Melissa Thayer (A), . . . . .	Worcester.
a Theresa Whalen (A), . . . . .	Worcester.

## THIRTEENTH CLASS, JUNE, 1883.

a Bartlett Braman, . . . . .	Worcester.
Mrs. Charles L. Tower, Boston.	
unie Anna Burgess Chase, . . . . .	Worcester.
Mrs. Frank E. Whitehouse, Worcester.	
ise Frances Clark (A), . . . . .	Paxton.
Mrs. William F. Brown, Paris, France.	
ry Louise Gafney (A), . . . . .	Worcester.
honsine Talon L'Esperance (A), . . . . .	Worcester.
Died in St. Hyacinthe, Que., Jan. 1, 1887.	
ry Frye Lewis, . . . . .	Willimantic, Conn.
Mrs. Edward E. Johnson, Chicago, Ill.	
ry Agnes McGillicuddy, . . . . .	Worcester.
ry Alice Marshall, . . . . .	Still River.
Manchester, N. H.	
ie Moore Nichols, . . . . .	Auburn.
Worcester.	
nie Mitchell Perrin, . . . . .	Westborough.
Mrs. Frederick A. Richardson, Worcester.	

NAMES.	RESIDENCES.
Alice Valentine Phelps, . . . . .	Worcester.
Estella Virginia Rolston (A) (Secretary), . . . . .	Worcester.
Jennie Elizabeth Sanderson (A), . . . . .	Worcester.
Mrs. Sydney H. Elliott, Worcester.	
Mary Gertrude Smith (A), . . . . .	Quinsigamond.
Agnes Rose Stewart (A), . . . . .	Worcester.
Abbie Josephine Taft (A), . . . . .	Worcester.
New York City.	
Lizzie Minnie Urban, . . . . .	South Westminster.
Mrs. Charles N. Chapin, Worcester.	
Octavia Howard Vaughan (A), . . . . .	Worcester.
Hattie Louisa White, . . . . .	Boylston Centre.
Mrs. Daniel Lynch, Waverly.	
Margaret Osgood Whitney, . . . . .	Worcester.
Mrs. Frederick W. Blackmer, Worcester.	
Grace Carpenter Williams (A), . . . . .	Gardiner, Me.
Mrs. Charles S. J. Ruggles, Gardner.	

## FOURTEENTH CLASS, JANUARY, 1884.

Mary Louise Blenus (A), . . . . .	Worcester.
Died in Millbury, Feb. 6, 1887.	
Daniel Henry Casey, . . . . .	Worcester.
Ellen Gertrude Daley (A), . . . . .	Worcester.
Adelia Teresa Gauren (A), . . . . .	Worcester.
Eliza Tainter Gilbert, . . . . .	Worcester.
Mrs. George Day, Worcester.	
Eudora Estella Hay (Secretary), . . . . .	Worcester.
John Edward Lynch, . . . . .	Worcester.
Nellie Abbie Robbins (A), . . . . .	Rochester, N. Y.
Mrs. Henry W. Sykes, Pittsfield.	

## FIFTEENTH CLASS, JUNE, 1884.

Maria Fernald Bosworth (A) (Secretary), . . . . .	Worcester.
Maud Loetta Davis (A), . . . . .	Worcester.
Ellen Francis Fallon, . . . . .	Worcester.
Mrs. James F. Guerin, Worcester.	
Margaret Francis Hagan, . . . . .	Worcester.
Lilla Ingalls, . . . . .	East Templeton.
Mrs. Albert D. Felch, Sunapee, N. H.	
Mary Jessie King, . . . . .	Middleville, N. Y.
Mrs. Frank H. Buxton, Leicester.	
Etta Rosella Leonard (A), . . . . .	Worcester.
Mrs. Irving E. Comins, Worcester.	
Mary McCann (A), . . . . .	Leominster.
Mrs. John Alfred Johnson, Chicago, Ill.	

NAMES.	RESIDENCES.
Anna Gertrude Melanefy (A), . . . .	Worcester.
Died in Worcester, Nov. 30, 1885.	
Annle Ward Newell (A), . . . .	Millbury.
Anna Elena Bridget O'Keefe, . . . .	Worcester.
Providence, R. I.	
Edith Marietta Rolston (A), . . . .	Worcester.
Harry Lucy Seavey (A), . . . .	Worcester.
Edice Alberta Tatman (A), . . . .	Quinsigamond.
Mrs. Arthur E. Hayer, Quinsigamond.	
Elizabeth Pickering Thompson, . . . .	Durham, N. H.
Mrs. Albert DeMerritt, Durham, N. H.	
Edith Adaline Wilder, . . . .	Sterling.
Mrs. R. Lincoln Chandler, Worcester.	

## SIXTEENTH CLASS, JANUARY, 1885.

Charlotte Blanche Adams, . . . .	Worcester.
Mrs. Lester T. Crook, Worcester.	
Edith Louise Burroughs, . . . .	Boxborough.
West Acton.	
Annle Jennie Condy (A), . . . .	Worcester.
Mrs. Charles F. Pharaoh, Worcester.	
Anna Florence Davis, . . . .	Shrewsbury.
Mrs. George E. Stone, Shrewsbury.	
Anna Belle Drew, . . . .	Burlington, Vt.
Anna Gertrude Foley (A), . . . .	Worcester.
Anna Elizabeth Green (A), . . . .	Worcester.
Edith Maria Green (A) (Secretary), . . . .	Worcester.
Charlotte Aloysia Hackett (A), . . . .	Worcester.
Edith Maria Ham (A), . . . .	Worcester.
Edith Adaline Hildreth (A), . . . .	Worcester.
Edith Anne McBride (A), . . . .	Worcester.
Edith Gertrude McGillicuddy (A), . . . .	Worcester.
Mrs. Michael J. Halloran, Worcester. Died in Worcester, June 3, 1892.	
Edith Agnes Morrissey (A), . . . .	Worcester.
Edith Isabel Newbury (A), . . . .	Worcester.
Mrs. Willis E. Knowlton, Shrewsbury.	
Edith Louise Paige (A), . . . .	Hardwick.
Mrs. Edward S. Frary, Waterbury, Vt.	
May Parsons (A), . . . .	Holden.
Edith May Prentice (A), . . . .	Westborough.
Mrs. Fred. S. Dearborn, Worcester.	
Edith Sheehan (A), . . . .	Whitinsville.
Edith Elizabeth Talbot Tandy, . . . .	Athol.
Edith Maria Wells (A), . . . .	Deerfield.
Mrs. H. Clifford Hawks, Auburndale.	
Edith Betsy Williams (A), . . . .	Paxton.
Mrs. George E. Stimson, Rochdale.	



## SEVENTEENTH CLASS, JUNE, 1885.

NAMES.	RESIDENCES.
Ida Florence Buxton, . . . . . Mrs. Adam J. Elmermann, Milwaukee, Wis.	Worcester.
Cora Augusta Cooley (A), . . . . . Mrs. Edward Lawton, Ayer.	Worcester.
Amy Holbrook Dana (A), . . . . . Mrs. William F. Masters, Hebbardsville, Ohio.	West Boylston.
Minnie Alberta Davis, . . . . .	Worcester.
Carrie Elizabeth Dodd (A), . . . . . Noank, Conn.	Paxton.
Emily Sophia Gaskill (A), . . . . .	Mendon.
Emma Jane Goddard (A), . . . . .	Grafton.
Emma Eliza Hayward, . . . . .	Ashby.
Benjamin West Kinney (A) (Secretary), . . . . .	Worcester.
Georgia Hudson Lakln (A), . . . . . Mrs. Charles H. Dodd, Worcester.	Paxton.
Ada Alvera Mason, . . . . . Died in Worcester, May 5, 1890.	Worcester.
Agnes Josephine O'Gorman (A), . . . . .	Worcester.
Carrie Melinda Sweetzer (A), . . . . .	Worcester.
Florence Mabel Walte (A), . . . . .	Pittsfield.

## EIGHTEENTH CLASS, JANUARY, 1886.

Alice Lucina Balnbridge (A), . . . . .	Worcester.
Alice Rosilla Barton (A), . . . . .	Upton.
Grace Rebecca Everett (A) (Secretary), . . . . .	Worcester.
Edith May Harding (A), . . . . .	Worcester.
Sarah Wyman Hay (A), . . . . .	Worcester.
Nellie Francene Monroe (A), . . . . . Mrs. Benjamin W. Kinney, Worcester.	Rutland.
Julia Agnes Quinn (A), . . . . .	Worcester.
Margaret Scott (A), . . . . .	Burlington, Vt.
Annie Gertrude Thompson (A), . . . . .	Worcester.
Carrie Alona Thompson (A), . . . . .	Worcester.

## NINETEENTH CLASS, JUNE, 1886.

Cora Jane Ball (A), . . . . . Worcester.	Grafton.
Addie Taylor Banister, . . . . .	Worcester.
Clara Harwood Bemis, . . . . .	Spencer.
Julia Meeker DeCamp (A), . . . . . Mrs. Sanford D. Leland, Holyoke.	Worcester.

Names.	Residences.
ennie Hart (A), . . . . .	Worcester.
hoda Hartwell (A), . . . . .	Oxford.
s Joseph Higgins (A) (Secretary), . . . . .	Worcester.
lice Johnson, . . . . .	Westborough.
Mrs. George M. Howe, North Brookfield.	
izabeth Joyce (A), . . . . .	Worcester.
Lauretta Maynard (A), . . . . .	Worcester.
Augusta Peirce (A), . . . . .	West Boylston.
Died in West Boylston, April 27, 1898.	
ouise Penniman (A), . . . . .	Worcester.
May Ruggles (A), . . . . .	Worcester.
Elizabeth Tucker (A), . . . . .	Chelsea.
felrose.	
ria Whitney, . . . . .	Upton.
Mrs. Allan D. Risteen, Hartford, Conn.	
Howard Wilmarth (A), . . . . .	Worcester.
Mrs. William E. Drake, Brooklyn, N. Y.	

## TWENTIETH CLASS, JANUARY, 1887.

Louise Brewster (A), . . . . .	Westborough.
Holyoke.	
sie Chapin, . . . . .	Worcester.
e Gertrude Cooke (A), . . . . .	Worcester.
eighton Dinsmore, . . . . .	Lowell.
Elizabeth Earley (A), . . . . .	Spencer.
Lincoln Fletcher (A), . . . . .	Worcester.
Holbrook (A), . . . . .	Worcester.
e Holman (A), . . . . .	West Millbury.
Warren.	
a Knight, . . . . .	Worcester.
th McFarland, . . . . .	Sutton.
Died in Sutton, Jan. 7, 1891.	
Louise Partridge (A), . . . . .	Worcester.
eborah Elizabeth Robinson (A), . . . . .	Worcester.
linsworth Smith (A), . . . . .	Dudley.
e Sherman Waite (A) (Secretary), . . . . .	Worcester.
Mrs. G. Arthur Smith, Worcester	
elen Wallis (A), . . . . .	North Oxford.
et Louisa Walsh (A), . . . . .	Worcester.
ta Maria Wright (A), . . . . .	East Templeton.

## TWENTY-FIRST CLASS, JUNE, 1887.

linerva Barnes (A), . . . . .	Worcester.
Mrs. William C. Temple, Rutland.	

NAMES.	RESIDENCES.
Alice Harriette Belding, . . . . .	Worcester.
Annie Josephine Butterfield (A), . . . . .	Worcester.
Lulu Louise Clarke (A), . . . . .	Worcester.
Albert Swain Colburn, . . . . .	Shirley Village. St. Joseph, Mo.
Anna Burgess Collier (A), . . . . .	Worcester.
Josephine Pauline Convery (A), . . . . .	Worcester.
Margaret Mary Hanley (A), . . . . .	Worcester.
Addie Maria Harthan (A), . . . . .	Worcester.
Kate Maria Healy (A), . . . . .	Worcester.
Nellie Gertrude Jerome (A), . . . . .	Worcester.
Cora Emma Kemp (A), . . . . .	Worcester.
Abble Curtis Knight (A), . . . . .	Worcester.
Emma Martha McCormick, . . . . .	Spencer.
Honora Lucy Murphy (A), . . . . .	Worcester.
Mary Jane Newton (A), . . . . .	Greenfield.
Mrs. Charles H. Perry, Worcester.	
Abigail Loretta O'Hara (A), . . . . .	Worcester.
Lucy Reed Poland (A) (Secretary), . . . . .	Worcester.
Mary Teresa Power (A), . . . . .	Worcester.
Miriam Frances Proctor (A), . . . . .	Spencer.
May Caroline Rogers (A), . . . . .	Worcester.
Kate Emogene Smith (A), . . . . .	Florence.
Louise Adelia Stockdale (A), . . . . .	Worcester.
Charlotte May Taylor (A), . . . . .	Bolton.
Mrs. Oliver A. Everett, Bolton.	
Bertha Caroline Yeaton (A), . . . . .	Worcester.

#### TWENTY-SECOND CLASS, JANUARY, 1888.

Jeanie Ambrose Casey (A), . . . . .	Worcester.
Margaret Ann Connolly (A), . . . . .	Worcester.
Milwaukee, Wis.	
Idaline Dawley (A), . . . . .	Plainfield, Conn
Died in Plainfield, Conn., Sept. 4, 1888.	
Catherine Teresa Donnelly (A), . . . . .	Worcester.
Annie Elizabeth Fales (A), . . . . .	Westborough.
Ida Childs Gleason, . . . . .	West Brookfield.
West Groton.	
Ida Etta Leland (A), . . . . .	Upton.
Mary Mackin (A), . . . . .	Worcester.
Died in Worcester, Aug. 17, 1889.	
Fanny Richards Brewer Macomber (A), . . . . .	Worcester.
Mrs. Frank E. Elwell, Rockport, Mass.	
Edith Maria Marsh, . . . . .	Leicester.
Mary Gertrude Overend (A) (Secretary), . . . . .	Worcester.

## RESIDENCES.

idge (A), . . . . .	Worcester.
ge (A), . . . . .	Worcester.
r C. Adams, West Brookfield.	
Smith (A), . . . . .	Quinsigamond.
earns (A), . . . . .	North Leominster.
ge P. Taylor, Springfield.	

## TWENTY-THIRD CLASS, JUNE, 1888.

nningham (A), . . . . .	Worcester.
Diemar (A), . . . . .	Worcester.
age (A), . . . . .	Worcester
Hunt, . . . . .	Columbia, Conn.
hnson (A), . . . . .	Worcester.
e Loring, . . . . .	Westborough.
rd H. Mooney, Worcester.	
ill (A), . . . . .	Benton, N. H.
i Nash (A), . . . . .	Worcester.
ready (A), . . . . .	Worcester.
orter (A), . . . . .	Manchester, N. H.
nchester, N. H., Sept. 16, 1891.	
inn (A), . . . . .	Worcester.
ong, . . . . .	Starksborough, Vt.
ude Sullivan (A), . . . . .	Worcester.
ylor (A) (Secretary), . . . . .	Worcester.
Walker, . . . . .	Worcester.

## WENTY-FOURTH CLASS, JANUARY, 1889.

Alton (A), . . . . .	Worcester.
r L. Brown, Worcester.	
Blood (A), . . . . .	Worcester.
ince (A), . . . . .	Worcester.
allahan, . . . . .	Barre.
irn Cook (A), . . . . .	Worcester.
E. Putnam, Worcester.	
irbanks, . . . . .	Holden.
tzgerald (A), . . . . .	Worcester.
Kelley (A), . . . . .	Worcester.
ormick (A), . . . . .	Worcester.
Tiernan (A), . . . . .	Worcester.
Marsh, . . . . .	Leicester.
Libby, Leicester.	
aws (A), . . . . .	Westborough.
ewton (A), . . . . .	Oakdale.
lell (A), . . . . .	Worcester.

NAMES.	RESIDENCES.
Mary Elizabeth Patten, . . . . . Winchester.	Dandy, Vt.
Alice Cressy Plumer (A), . . . . .	Maxwell, Neb.
Grace Emeline Remington (A), . . . . .	Worcester.
Sara Elizabeth Rollison (A), . . . . .	Worcester.
Olive Russell (A) (Secretary), . . . . .	Worcester.
Mary Ann Agnes Short (A), . . . . .	Worcester.
Mary Alice Smith (A), . . . . . Mrs. Melville D. Frost, Somerville.	Worcester.
Dora Taft, . . . . .	Mendon.
Winifred Rosalie Todd (A), . . . . .	Worcester.
Addy Frances Yeaton (A), . . . . .	Worcester.

**TWENTY-FIFTH CLASS, JUNE, 1889.**

Clara Elizabeth Andrews (A), . . . . .	West Boylston.
Grace Hulford Bishop (A), . . . . .	Worcester.
Ellen Gertrude Carey (A), . . . . .	Worcester.
Stella Elizabeth Chapin (A), . . . . .	Worcester.
Susan May Corbin, . . . . .	W. Woodstock, Conn.
Annie Maria Gilbert (A), . . . . .	Worcester.
Netty May Grout (A), . . . . .	Spencer.
Susan Martha Hill (A), . . . . .	Hudson.
Lou Frances Sawtelle, . . . . . Mrs. Arthur D. Putnam, Worcester.	Worcester.
Netty Anna Starkey (A) (Secretary), . . . . .	Worcester.
Katie Stevenson (A), . . . . .	Worcester.
Clara Harwood Walker (A), . . . . .	Worcester.
Elizabeth Frances Walker (A), . . . . . Mrs. Benjamin Whitmore, Jr., Worcester.	Worcester.
Martha Raymond Walker (A), . . . . . Denver, Col.	Worcester.
Harriet Erwin Wheeler (A), . . . . .	Worcester.
Emma Augusta Windle, . . . . .	Oxford.

**TWENTY-SIXTH CLASS, JANUARY, 1890.**

Maude Sophie Bosworth (A), . . . . . Mrs. Herbert A. Warren, St. Albans, Vt.	Worcester.
Herbert Eugene Buxton, . . . . .	Ashford, Conn.
Flora Browning Chamberlain (A), . . . . .	Worcester.
Florence Malbone Dodge (A), . . . . .	Worcester.
Alice Gertrude Draper (A) (Secretary), . . . . .	Worcester.
Alice Little Eames (A), . . . . . Mrs. Frank R. S. Bond, Worcester.	Worcester.
Elizabeth Christine Finn (A), . . . . .	Worcester.

NAMES.	RESIDENCES.
ry Agnes Flynn (A), . . . . .	Worcester.
stella Gertrude Gale (A), . . . . .	Gulford, Vt.
rgaret Jane Gartland (A), . . . . .	Worcester.
ry Gertrude Geary (A), . . . . .	Worcester.
ry Catherine Henry (A), . . . . .	Worcester.
na May Hewett (A), . . . . .	Worcester.
Mrs. George T. Patterson, Roslindale.	
na May Hurlbut (A), . . . . .	Richford, Vt.
rriet Howe Maynard, . . . . .	Townsend.
nie York Milliken (A), . . . . .	Worcester.
na Grace Moore (A), . . . . .	Worcester.
ny Murray (A), . . . . .	Worcester.
upert Henry Murray, . . . . .	Worcester.
te Evans Parker (A), . . . . .	Worcester.
innie Partridge, . . . . .	Medway.
annette Witherby Scruton (A), . . . . .	Canton, N. Y.
la Louise Smith (A), . . . . .	Worcester.
nie Lillian Sullivan (A), . . . . .	Worcester.
ary Eleanor Whitty (A), . . . . .	Fitchburg.
ary Emma Williams, . . . . .	Webster.
Mrs. Charles A. Durfee, Choptmist, K. I.	

## TWENTY-SEVENTH CLASS, JUNE, 1890.

ny Maria Aldrich (A), . . . . .	Westborough.
nma Susie Barrett (A), . . . . .	Worcester.
attle Josephine Black (A), . . . . .	Worcester.
nma Jane Cooper, . . . . .	Worcester.
Manchester, N. H.	
na Gertrude Cullen (A), . . . . .	Worcester.
aud Elizabeth Davis (A), . . . . .	Holden.
Hartford, Conn.	
thline Elizabeth Dwyer (A), . . . . .	Worcester.
Mrs. John J. Carr, Worcester.	
rriet Almira Greene (A), . . . . .	Wrentham.
ta Belle Lincoln (A) (Secretary), . . . . .	Worcester.
arlottte McFarland (A), . . . . .	Worcester.
nie Teresa McGrath (A), . . . . .	Worcester.
ry Catherine O'Connor (A), . . . . .	Worcester.
ry Helen Rogers (A), . . . . .	Holden.
rah Agnes Russell (A), . . . . .	Amherst.
rence Louise Seagrave (A), . . . . .	Uxbridge.
ith Maria Studley (A), . . . . .	Worcester.
llie Dascombe Temple (A), . . . . .	Gardner.
rence Helen Towne (A), . . . . .	Mendon.

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 TWENTY-EIGHTH CLASS, JANUARY, 1891.

NAMES,	RESIDENCES.
Henrietta Maria Ager (A), . . . . .	Worcester.
Mrs. John H. Orr, Worcester.	
Agnes Maria Blanchard, . . . . .	Harvard.
Jennie Frances Brennan (A), . . . . .	Worcester.
Edith Minetta Brown (A) (Secretary), . . . . .	Worcester.
Huldah Jane Gibson (A), . . . . .	South Boston.
Worcester.	
Sarah Alice Hopwood (A), . . . . .	Worcester.
Fanny Maud Joy (A), . . . . .	Manchester, N. H.
Helen Maria King (A), . . . . .	Worcester.
Rosa Helena Mahan (A), . . . . .	Worcester.
Agnes McMahon (A), . . . . .	Worcester.
Mary Brown Porter (A), . . . . .	Louisville, Ky.
Parkland, Ky.	
Nellie Jane Wattle (A), . . . . .	Worcester.
Alice Gertrude Whitcomb, . . . . .	Worcester.

## TWENTY-NINTH CLASS, JUNE, 1891.

Ella Louise Brown, . . . . .	Worcester.
Lancaster.	
Elizabeth Amanda Rice Daniels, . . . . .	Greenfield.
Marion Frances Dexter (A), . . . . .	Franconia, N. H.
Nellie Gertrude Donovan (A), . . . . .	Worcester.
Theresa Veronica Dowd (A), . . . . .	Worcester.
Emma Alice Gardner (A), . . . . .	Worcester.
Agnes Gertrude Garvey (A), . . . . .	Worcester.
Mabel Howard Goodale (A), . . . . .	Leominster.
Agnes Theresa Healey (A), . . . . .	Whitinsville.
Mary Ignatia Healy (A), . . . . .	Worcester.
Florence Louise Johnson (A), . . . . .	Worcester.
Teresa Mary Larkin, . . . . .	Worcester.
Catherine Maria McHugh (A), . . . . .	Worcester.
Marietta McNulty (A) (Secretary), . . . . .	Worcester.
Mabel Dora Morrison, . . . . .	Worcester.
Georgiana May O'Connor (A), . . . . .	Worcester.
Helen Louise Osborn (A), . . . . .	Worcester.
Grace Platt (A), . . . . .	Newfane, Vt.
Montevideo, Minn.	
Mary Elizabeth Ridler (A), . . . . .	Worcester.
Bertha Maria Stone (A), . . . . .	Auburn.
Nellie Thurston, . . . . .	Worcester.
Eleanor Cornelia Torrey, . . . . .	East Dorset, Vt.

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NAMES.	RESIDENCES.
Ed Townsend (A), . . . . .	Lexington.
John Truscott (A), . . . . .	Worcester.
Rachel Wheatley (A), . . . . .	Worcester.
Oxbury, . . . . .	Oxford.

## THIRTIETH CLASS, JANUARY, 1892.

Anna Barrett (A), . . . . .	Barre.
Elizabeth Blanchard (A), . . . . .	Uxbridge.
Edna Brooks (A), . . . . .	Ashby.
Loretta Carmody (A), . . . . .	Worcester.
Edna Cummings (A) (Secretary), . . . . .	Worcester.
Edna Doherty (A), . . . . .	Worcester.
Edna Goldthwait (A), . . . . .	Uxbridge.
Edna Heaphy (A), . . . . .	Worcester.
Edna Hill (A), . . . . .	Charlestown.
Edna Hersh (A), . . . . .	Barre.
Edna Kristina Lof (A), . . . . .	Worcester.
Putnam, . . . . .	West Sutton.
Sayle (A), . . . . .	Worcester.
Edna Stalker (A), . . . . .	Worcester.
Edna Wilder, . . . . .	Spencer.
Edna Wiley (A), . . . . .	Hardwick.

## THIRTY-FIRST CLASS, JUNE, 1892.

Anna Adams (A), . . . . .	North Brookfield.
Edna Adams (A), . . . . .	Stockbridge.
Edna Blanchard (A), . . . . .	Worcester.
Edna Crane (A), . . . . .	Worcester.
Loretta Cunningham (A), . . . . .	Worcester.
Edna Day (A), . . . . .	Worcester.
Edna Draper (A) (Secretary), . . . . .	Worcester.
Edna Elizabeth Greene (A), . . . . .	Worcester.
Anna Hagerty (A), . . . . .	Worcester.
Edna Holt, . . . . .	Norway, Me.
Edna (A), . . . . .	Fall River.
Edna Littlefield (A), . . . . .	Worcester.
Edna Morse (A), . . . . .	Worcester.
Edna Mary Newton (A), . . . . .	Greenfield.
Edna Newton, . . . . .	Westminster.
Edna Louise Nield (A), . . . . .	Millbury.
Edna Parker (A), . . . . .	Worcester.
Edna Pellet (A), . . . . .	Worcester.
Edna Phelon, . . . . .	Worcester.
Edna Stevens, . . . . .	Worcester.



## THIRTY-SECOND CLASS, JANUARY, 1893.

NAMEs.	RESIDENCES.
Grace Lyon Backus (A), . . . . .	Chaplin, Conn.
Louise Maria Bray (A), . . . . .	Boylston.
Annie Elizabeth Clancy (A), . . . . .	Worcester.
Mary Catherine Clarke (A), . . . . .	Worcester.
Florence Lane Cota (A), . . . . .	New Braintree.
Alice Louise Day (A), . . . . .	Worcester.
Alice Mary Day (A) (Secretary), . . . . .	Worcester.
Nellie Maria Devlin (A), . . . . .	Worcester.
Margaret Agnes Donnelly (A), . . . . .	Worcester.
Emily Frances Fagan (A), . . . . .	Webster.
Mary Julia Haas (A), . . . . .	Shrewsbury.
Mary Eloise Hardy (A), . . . . .	Worcester.
Anna Tracy Hickey (A), . . . . .	Worcester.
Alice Jane Hildreth, . . . . .	Worcester.
Emma Ada Hopwood (A), . . . . .	Worcester.
Rose Eva Keenan (A), . . . . .	Stoneham.
Mary Agnes Maroney (A), . . . . .	Worcester.
Ellen Teresa McGillicuddy (A), . . . . .	Worcester.
Katharine Louise McQuaid (A), . . . . .	Worcester.
Martha Eveline Peck (A), . . . . .	Rowe.
Catherine Regan (A), . . . . .	Gardner.
Margaret Blanche Toole (A), . . . . .	Worcester.

## SPECIAL STUDENTS

WHO HAVE RECEIVED CERTIFICATES OF PROFICIENCY.

## 1881.

Francis Patrick McKeon, A.M.  
Richard Henry Mooney, A.M.

## 1882.

Thomas William Butler.  
Owen Henry Conlin, A.B.  
Peter Andrew Conlin, A.B.  
Edward Aloysius Quinland, A.B.

## 1883.

Arthur Hay, A.B.

## 1886.

William Francis Carmody, A.B.

## 1890.

Joseph Edward Underwood, A.B.

## 1893.

Lucy Adelaide Pratt, A.B.


**SUMMARY OF NUMBERS.**

in the First Class, . . . . .	10
in the Second Class, . . . . .	17
in the Third Class, . . . . .	27
in the Fourth Class, . . . . .	14
in the Fifth Class, . . . . .	10
in the Sixth Class, . . . . .	12
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in the Thirty-first Class, . . . . .	20
in the Thirty-second Class, . . . . .	22
1 number of graduates, . . . . .	541
of certificated students, . . . . .	10

## GIFTS OF THE GRADUATING CLASSES.

These all form a part of the decoration of the main hall or school-room.

- FIRST CLASS, . . . . . Apollo. (Bust.)
- SECOND CLASS, . . . . . Angel-Boys from Raphael's "Sistine Madonna."  
(Photograph.)
- THIRD CLASS, . . . . . Guido's "Aurora." (Photograph.)
- FOURTH CLASS, . . . . . Colosseum at Rome. (Photograph.)
- FIFTH CLASS, . . . . . Julius Cæsar. (Bust.)
- SIXTH CLASS, . . . . . John Locke. (Bust.)
- SEVENTH CLASS, . . . . . Pestalozzi. (Bust.)
- EIGHTH CLASS, . . . . . Ralph Waldo Emerson. (French's Bust.)
- NINTH CLASS, . . . . . "An Old Monarch," by Rosa Bonheur.  
(Engraving.)
- TENTH CLASS, . . . . . Pyramids and Sphinx. (Photograph.)
- ELEVENTH CLASS, . . . . . Titian's "Flora." (Photograph.)
- TWELFTH CLASS, . . . . . Michel Angelo's "Three Fates." (Photograph.)
- THIRTEENTH CLASS, . . . . . Lincoln. (Volk's Bust.)
- FOURTEENTH CLASS, . . . . . Webster. (Photograph by Hawes.)
- FIFTEENTH CLASS, . . . . . Millet's "Spinner." (Etching.)
- SIXTEENTH CLASS, . . . . . Franklin. (Houdon's Bust.)
- SEVENTEENTH CLASS, . . . . . The Matterhorn. (Photograph.)
- EIGHTEENTH CLASS, . . . . . The Chandos Portrait of Shakespeare.  
(Flameng's Etching.)
- NINETEENTH CLASS, Sappho (so called), from Herculaneum. (Bust.)



EIGHTEENTH ANNIVERSARY

OF THE

MASSACHUSETTS

TATE NORMAL SCHOOL

AT WORCESTER.

-----  
PROGRAMME.  
-----

*THURSDAY, JUNE 23, 1892.*



## FORENOON.

BEGINNING AT HALF-PAST NINE O'CLOCK.

SINGING, — "The Beauty of Nature," . . . . . *Silcher.*

## READING OF THE THESES.

## THIRTIETH CLASS, JANUARY, 1892.

- \* SARAH EMMA BARRETT (A), . . . . . Barre.  
A SCHOOL FOR THE FEEBLE-MINDED.
- \* ADDIE MAY BLANCHARD (A), . . . . . North Uxbridge.  
THE UNCONVENTIONAL SCHOOL.
- MABEL RICE BROOKS (A), . . . . . Ashby.  
"TEACHING IN THREE CONTINENTS."
- ELIZABETH LORETTA CARMODY (A), . . . . . Worcester.  
THE CENTURY DICTIONARY.
- \* ANNA PAULINE CUMMINGS (A), . . . . . Worcester.  
EDUCATIONAL VALUE OF THE CIRCUS.
- ROSE GERTRUDE DOHERTY (A), . . . . . Worcester.  
THE EDUCATIONAL VALUE OF STORIES.
- ANNIE EDITH GOLDTHWAIT (A), . . . . . Uxbridge.  
PESTALOZZI AT BURGDORF.
- \* ALICE CHRISTINA HEAPHY (A), . . . . . Worcester.  
"CHILD-LIFE" FROM DICKENS.
- \* JULIA ANNIE HILL (A), . . . . . Charlestown.  
TEACHING ENGLISH TO IMMIGRANT CHILDREN.
- MARY LEATHERS (A), . . . . . Barre.  
PLANTS AND PLAY.
- \* LOUISA CHRISTINA LOF (A), . . . . . Worcester.  
AS A FOREIGNER IN OUR PUBLIC SCHOOLS.
- EFFIE RILLA PUTNAM, . . . . . West Sutton.  
ANGER IN CHILDREN.
- \* KATHERINE SAYLE (A), . . . . . Worcester.  
CHILDREN'S SUPERSTITIONS.

NOTE. — Not all the essays can be read in the time allotted to the exercises. The names of the readers are indicated by a star.

N. B. — Graduates whose names are marked with (A) have, besides passing through the regular course of study, served for a half year as apprentices in the public schools of the city of Worcester.

RACE STALKER (A), . . . . . Worcester.  
RECURRENCE OF REFORM IN EDUCATION.

HARR WILDER (A), . . . . . Spencer.  
PHYSICAL TRAINING IN NORMAL SCHOOLS.

AUGUSTA WILEY (A), . . . . . Hardwick.  
CHILDREN'S WAYS OF EARNING MONEY.

RECESS, — FIVE MINUTES.

### THIRTY-FIRST CLASS, JUNE, 1892.

ANNA ADAMS (A), . . . . . North Brookfield.  
SOME TRAITS OF A FORMER TEACHER OF MINE.

BELLE ADAMS (A), . . . . . Stockbridge.  
PHYSIOLOGY FOR CHILDREN.

RANCES BLANCHARD (A), . . . . . Worcester.  
CHILDREN'S DISLIKE OF SCHOOL.

FRANCES CRANE (A), . . . . . Worcester.  
THE SCHOOL AT THE ELMIRA REFORMATORY.

ET LORETTA CUNNINGHAM (A), . . . . . Worcester.  
THE CHILD'S VOCABULARY AT THE SCHOOL AGE.

RSULA DAY (A), . . . . . Worcester.  
GROWTH OF DECEIT IN CHILDREN.

BLANCHE DRAPER (A), . . . . . Worcester.  
OBSERVATIONS UPON A CHILD.

LIZABETH GREENE (A), . . . . . Worcester.  
GROWTH OF THE REASONING POWERS IN CHILDREN.

TH ANNA HAGERTY (A), . . . . . Worcester.  
CHILDREN'S IDEAS OF HEAVEN.

BROTT HOLT, . . . . . Norway, Me.  
THE CHILD'S CONSCIENCE.

EBEAU (A), . . . . . Fall River.  
THE CHILD IN "SILAS MARNER."

MARIA LITTLEFIELD (A), . . . . . Worcester.  
NATURE STUDY IN THE QUINCY SCHOOLS.

LIS MORSE (A), . . . . . Worcester.  
AFFECTATION IN CHILDREN.

FRARY NEWTON (A), . . . . . Greenfield.  
VISITORS IN SCHOOL.

FRERTRUDE NEWTON, . . . . . Westminster.  
CERTAIN TREES IN WORCESTER.

LOUISE NIELD (A), . . . . . Millbury.  
"THE CHILD AND HIS BOOK."

- 
- \*ANNIE BELLE PARKER (A), . . . . . Worcester.  
THE RELATION OF CLARK UNIVERSITY TO THIS SCHOOL.
- \*EMILY BEVERLY PELLET (A), . . . . . Worcester.  
A GIRL'S TOWN.
- BELLE FRANCES PHELON, . . . . . Worcester.  
GERMAN SCHOOLS.
- \*IDA LOUISE STEVENS, . . . . . Worcester.  
ONE BOY'S LOVE OF FLOWERS.
- •

## AFTERNOON.

BEGINNING AT TWO O'CLOCK.

—“The Smiling Dawn” (Jephthah), . . . . . *Handel.*

### VALEDICTORY, — THIRTIETH CLASS.

ACE STALKER (A), . . . . . Worcester.

RECURRENCE OF REFORM IN EDUCATION.

### VALEDICTORY, — THIRTY-FIRST CLASS.

BOTT HOLT, . . . . . Norway, Me.

THE CHILD'S CONSCIENCE.

### AWARD OF DIPLOMAS.

—“To the Sunshine,” . . . . . *Robert Schumann.*

### ANNIVERSARY ADDRESS.

By Rev. CHARLES M. LAMSON, D.D.

—“Softly the Shade of Evening Falls,” . . . . . *Beethoven.*

AULD LANG SYNE.



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QUESTIONS USED AT THE ENTRANCE EXAMINATION (WRITTEN PART), FEB. 2 AND 3, 1893.

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The questions are printed merely to indicate, in a general way, to those who may be preparing to enter the school, something of the standard required for admission.

School committees, teachers and others may receive copies of the examination questions regularly by applying to the principal.

N. B. — Notice is hereby given that hereafter *elementary drawing* is to be added to the following subjects for entrance examination.

**UNITED STATES HISTORY.**

1. What led (1) to the discovery, and (2) to the settlement of this continent?
  2. Tell anything you know about the first permanent settlement in America.
  3. What battle decided the fate of the French power in this country?
  4. How were Europeans represented in North America about the middle of the 17th century?
  5. Tell something about the wars between the early colonists and the Indians.
  6. Who was Pontiac? And what did he hope to do?
  7. What was the Boston Port Act?
  8. What great change was made in the map of the United States between 1840 and 1850?
  9. What was the result of the Mexican War?
  10. Who owned Louisiana before it came into the possession of the United States?
  11. What is the difference between Royal, Charter, and Proprietary Colonies? Give an instance of each.
  12. Mention the names of some of the leading generals on the Confederate and on the Union side, in the Civil War.
-

**ARITHMETIC.**

be examiners wish to see all the figuring. Except in No. 2, decimals are to be carried to two places only.

Define the following terms: Draft, exponent, unit, cube root, complex fraction.

Add two and three hundred-thousandths, two hundred and four thousandths, forty-three thousand two hundred sixty-one hundred-thousandths, four hundred four thousandths; from the sum subtract 202.84; multiply the remainder by fifty thousand, and divide the product by .012.

A can walk around a garden in 9 minutes, B in 10, C in 12, and D in 15. They start together and walk until they are together again. How long does it take?

When the principal, rate, and interest are given, how is the time found?

How many yards of carpeting, 1 yard wide, must be bought to cover a floor 20 ft. long and 16 ft. wide, allowing  $1\frac{1}{2}$  yds. for matching the figures?

May 1, 1885, Mr. P. A. Brown borrowed one hundred dollars of Mr. S. F. Allen, and gave a note promising to pay the money in three months. Write the note.

June 1, 1885, Mr. Allen wanted the money, and went to a bank where the note was discounted at 6 per cent. How much money did he receive?

Solve by proportion: A contractor found that it would take 16 men 6 weeks, working 10 hours a day, to do a certain piece of work. He decided to have it done in 8 days of 12 hours each. How many men were hired?

Analyze the following:  $\frac{3}{4}$  of Charles's money equals  $\frac{2}{5}$  of Henry's, and together they have 46 cents. How much has each?

**GRAMMAR.**

1. Write the principal parts of the following verbs : *give, come, seek, teach, lay, join, slay.*
2. Write the forms of the personal pronoun of the first person.
3. Write the subjunctive form of the verb *be* in the past tense, in a   the persons and numbers.
4. Make a sentence in which the word *that* is a conjunction, and one in which *that* is a relative pronoun.
5. Criticise the expression : "The money belongs to John and I."
6. "The large house might have been painted." Parse "*might have been painted.*"
7. "This house is ours." Parse *ours*.
8. "We hope that you will return soon." What is the grammatical construction of the expression, *that you will return soon*, and what do you call it?
9. Write a sentence containing an adverbial phrase and draw a line under the phrase.

**GEOGRAPHY.**

1. Choose one :
  - (a) Draw a map of Massachusetts with its counties and cities.
  - (b) Draw a map of New England, locating five mountains, five rivers and five cities.
  - (c) Draw a map of South America, locating countries, mountains and rivers.
- 2-3. On the map of the United States furnished you, draw five principal railroads or canals, five large cities, and the areas producing cotton, wheat, coal, corn, oil and sugar.
- 4-5. On the map of Europe furnished you, write the names of the seas, gulfs, bays and straits, locate the countries and five cities.
6. Name five large cities, and state the natural advantages of each.
7. Describe briefly how six of the following are obtained : Rubber, silk, tapioca, petroleum, opium, rice, sugar.

8. Choose one :

- (a) What is the scale of a map? Illustrate how it may be used.
- (b) What does a map profile show?
- (c) What is meant by Standard Time?

9. Choose one :

- (a) How wide is the temperate zone?
- (b) What is the tropic of Cancer, and why is it located where it is?
- (c) About where do the sun's rays fall vertically to-day?

#### SPELLING.

- |                   |                                  |
|-------------------|----------------------------------|
| 1. Narragansett   | 22. spirit                       |
| 2. Nicaragua      | 23. salmon                       |
| 3. Savannah       | 24. repetition                   |
| 4. Rio Janeiro    | 25. physiology                   |
| 5. Sacramento     | 26. philosophy                   |
| 6. Shanghai       | 27. committee                    |
| 7. Leicester      | 28. telegraphy                   |
| 8. vertical       | 29. responsibility               |
| 9. which          | 30. arid                         |
| 10. stopped       | 31.                              |
| 11. singeing      | The <i>annual</i> exhibition     |
| 12. platform      | 32.                              |
| 13. whipping      | of the <i>menagerie</i> at the   |
| 14. scholar       | 33.                              |
| 15. military      | <i>zoological</i> garden         |
| 16. Agassiz       | 34.                              |
| 17. Humboldt      | will take place <i>Tuesday</i> , |
| 18. talent        | 35.                              |
| 19. calendar      | <i>February</i> 9th, at half-    |
| 20. metric system | <i>past eight o'clock.</i>       |
| 21. soldier       | 36.                              |

## GIFTS.

---

The following gifts to the school are gratefully acknowledged : —

Volumes to the library from Mrs. A. G. Cochrane, Mr. A. G. Boyden, Mr. H. W. Brown, Mr. H. L. Gordon, Messrs. Macmillan & Co., Marion Hovey, D. O. S. Lowell, Dr. Malcolm Mac Vicar, Baron Nils Posse, Messrs. Putnam, Davis & Co., Miss Sara E. Wiltse, The Volta Bureau, Dr. A. G. Young, The Smithsonian Institution, The Bureau of Education, The National Weather Bureau, Rev. Jinzo Naruse, Miss Martha D. Adams.

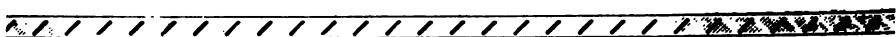
Natural history specimens to the museum from Miss H. F. Marsh, Mr. H. W. Brown, Mrs. C. F. Smith.

Also, from Miss Marsh, a water-color drawing, a vase, two plaster casts and a framed engraving.

---

ANNIVERSARY ADDRESSES HAVE BEEN GIVEN BY THE  
FOLLOWING PERSONS.

- In 1877, by William T. Harris, LL.D., of St. Louis.**  
**In 1878, by Rev. Thomas Hill, D.D., of Portland, Me.**  
**In 1879, by Alexander H. Rice, LL.D., of Boston.**  
**In 1880, by Mrs. Julia Ward Howe of Boston.**  
**In 1881, by Rev. Francis Tiffany of West Newton.**  
**In 1882, by Hon. James W. Patterson, LL.D., of Hanover, N. H.**  
**In 1883, by Mrs. Ednah D. Cheney of Boston.**  
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**In 1885, by Prof. Albert Harkness, LL.D., of Providence, R. I.**  
**In 1886, by Charles Dudley Warner of Hartford, Conn.**  
**In 1887, by Edward S. Morse, Ph.D., of Salem.**  
**In 1888, by John Fiske of Cambridge.**  
**In 1889, by Francis A. Walker, LL.D., of Boston.**  
**In 1890, by Mrs. Alice Freeman Palmer of Cambridge.**  
**In 1891, by Rev. E. B. Andrews, D.D., of Providence, R. I.**  
**In 1892, by Rev. Charles M. Lamson, D.D., of St. Johnsbury, Vt.**
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22 1907



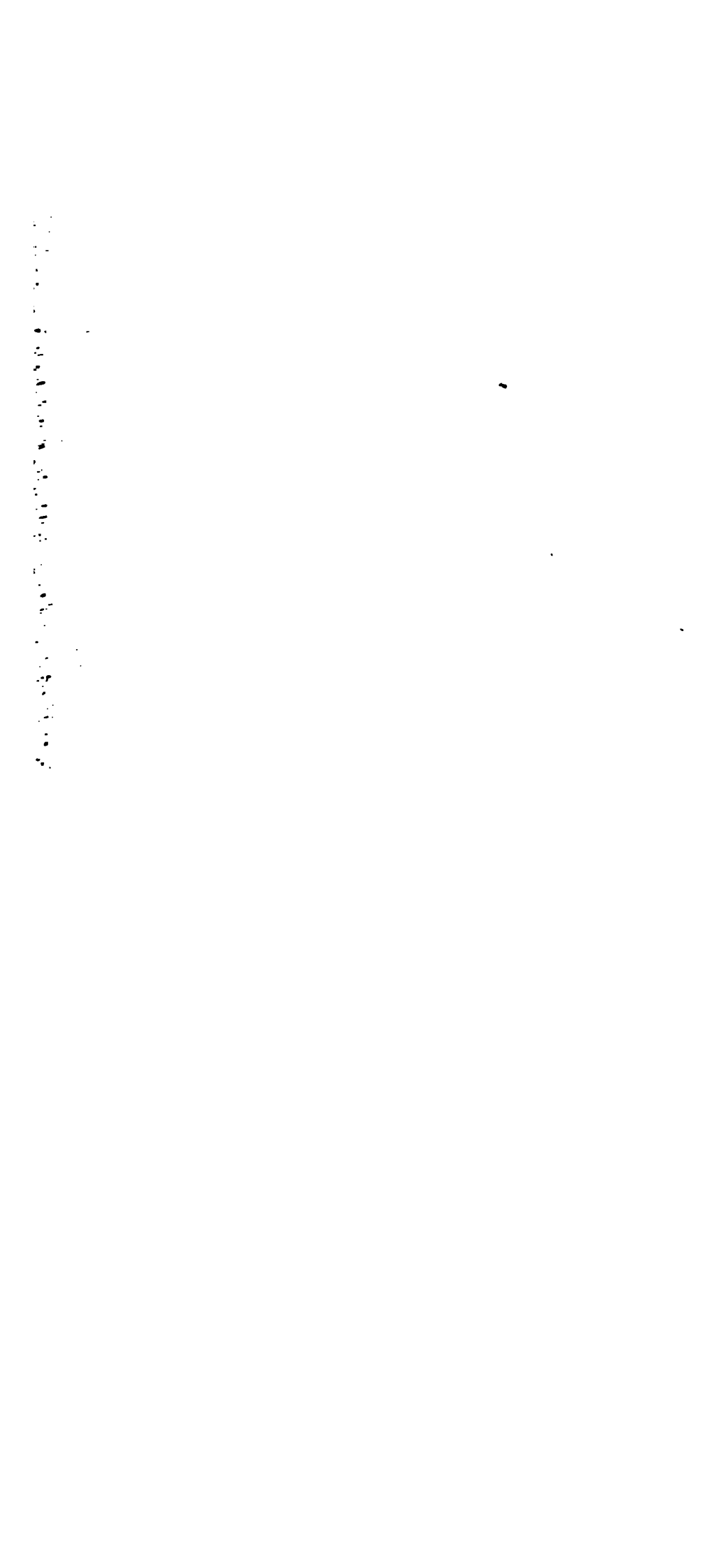
MASSACHUSETTS

STATE NORMAL SCHOOL

AT WORCESTER.

❖ 1894 ❖

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MASSACHUSETTS

STATE NORMAL SCHOOL

AT WORCESTER.

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CATALOGUE AND CIRCULAR.

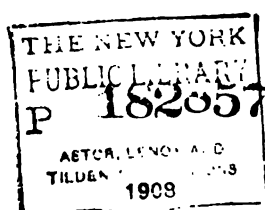
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TWENTIETH YEAR, 1894.



BOSTON :  
WRIGHT & POTTER PRINTING CO., STATE PRINTERS,  
18 POST OFFICE SQUARE.  
1894.

---



# STATE BOARD OF EDUCATION.

ESTABLISHED IN 1837.

## Ex Officio.

HIS EXCELLENCY FREDERIC T. GREENHALGE, LOWELL.  
HIS HONOR ROGER WOLCOTT, BOSTON.

## By Appointment.

	TERM EXPIRES
ADMIRAL P. STONE, . . . Springfield, . . .	May 25, 1895.
Mrs. KATE GANNETT WELLS, . Boston, . . .	May 25, 1896.
MILTON B. WHITNEY, . . . Westfield, . . .	May 25, 1897.
GEORGE I. ALDRICH, . . . Quincy, . . .	May 25, 1898.
ELMER H. CAPEN, . . . Medford, . . .	May 25, 1899.
ELIJAH B. STODDARD, . . . Worcester, . . .	May 25, 1900.
GEORGE H. CONLEY, . . . Boston, . . .	May 25, 1901.
Mrs. ALICE FREEMAN PALMER, Cambridge, . . .	May 25, 1902.

## SECRETARY.

FRANK A. HILL, . . . . . Cambridge.

## TREASURER.

C. B. TILLINGHAST, . . . . . Boston.

## AGENTS.

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ANDREW W. EDSON, . . . . . Worcester.  
G. T. FLETCHER, . . . . . Northampton.  
JAMES W. MACDONALD, . . . . . Stoneham.  
HENRY T. BAILEY, . . . . . North Scituate.

## ASSISTANT.

L. WALTER SARGENT, . . . . . Pittsfield.



Vacations and Holidays marked by Light-face Figures.

◁1894▷							◁1895▷						
JULY.							JANUARY.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
1	2	3	4	5	6	7	--	--	1	2	3	4	5
8	9	10	11	12	13	14	6	7	8	9	10	11	12
15	16	17	18	19	20	21	13	14	15	16	17	18	19
22	23	24	25	26	27	28	20	21	22	23	24	25	26
29	30	31	--	--	--	--	27	28	29	30	31	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--	--
AUGUST.							FEBRUARY.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
--	--	--	1	2	3	4	--	--	--	--	--	1	2
5	6	7	8	9	10	11	3	4	5	6	7	8	9
12	13	14	15	16	17	18	10	11	12	13	14	15	16
19	20	21	22	23	24	25	17	18	19	20	21	22	23
26	27	28	29	30	31	--	24	25	26	27	28	--	--
SEPTEMBER.							MARCH.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
--	--	--	--	--	--	1	--	--	--	--	--	1	2
2	3	4	5	6	7	8	3	4	5	6	7	8	9
9	10	11	12	13	14	15	10	11	12	13	14	15	16
16	17	18	19	20	21	22	17	18	19	20	21	22	23
23	24	25	26	27	28	29	24	25	26	27	28	29	30
30	--	--	--	--	--	--	31	--	--	--	--	--	--
OCTOBER.							APRIL.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
--	1	2	3	4	5	6	--	1	2	3	4	5	6
7	8	9	10	11	12	13	7	8	9	10	11	12	13
14	15	16	17	18	19	20	14	15	16	17	18	19	20
21	22	23	24	25	26	27	21	22	23	24	25	26	27
28	29	30	31	--	--	--	28	29	30	--	--	--	--
NOVEMBER.							MAY.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
--	--	--	--	1	2	3	--	--	--	1	2	3	4
4	5	6	7	8	9	10	5	6	7	8	9	10	11
11	12	13	14	15	16	17	12	13	14	15	16	17	18
18	19	20	21	22	23	24	19	20	21	22	23	24	25
25	26	27	28	29	30	--	26	27	28	29	30	31	--
DECEMBER.							JUNE.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
--	--	--	--	--	--	1	--	--	--	--	--	--	--
2	3	4	5	6	7	8	2	3	4	5	6	7	8
9	10	11	12	13	14	15	9	10	11	12	13	14	15
16	17	18	19	20	21	22	16	17	18	19	20	21	22
23	24	25	26	27	28	29	23	24	25	26	27	28	29
30	31	--	--	--	--	--	30	--	--	--	--	--	--

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# THE CALENDAR.

(SEE OPPOSITE PAGE.)

## TWENTY-FIRST SCHOOL YEAR, 1894-95.

June 22 and 23, Friday and Saturday, . . . Entrance examination.

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### FIRST (FALL) TERM, 1894-95.

September 13 and 14, Thursday and Friday, . . . Entrance examination.  
October 24, Wednesday, . . . . . Autumn Arbor Day.  
November 26 to December 4, . . . . . Mid-term recess.  
December 25, Tuesday, . . . . . Christmas.  
January 1, 1895, Tuesday, . . . . . New Year's Day.  
January 31, Thursday, . . . . . First term ends.

### WINTER VACATION, ONE WEEK.

### SECOND (SPRING) TERM, 1895.

February 7 and 8, Thursday and Friday, . . . Entrance examination.  
February 22, Friday, . . . . . Washington's birthday.  
April 15 to 23, . . . . . Mid-term recess.  
April 24, Wednesday, . . . . . Spring Arbor Day.  
May 30, Thursday, . . . . . Memorial Day.  
June 27, Thursday, . . . . . School year ends.  
June 28 and 29, Friday and Saturday, . . . Entrance examination.

### SUMMER VACATION, ELEVEN WEEKS.

The twenty-second year (1895-96) begins with entrance examination on Thursday, Sept. 12, 1895.

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## SPECIAL NOTICE.

Examinations for admission to the school are held three times a year, at the beginning of each term and immediately after the close of the summer term, — *and at no other time.* (See "Requirements for Admission," page 15.)

Exercises of graduation occur once a year only, — namely, on the last day of the summer term, — and are always open to the public.

There is no session of the school on Monday. On other days the hours are from nine o'clock to four, with an intermission of an hour at noon.

Communications may be addressed to the Principal, 1 Normal Street, or to Hon. E. B. Stoddard, 15 Ashland Street.

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## TEACHERS.

E. HARLOW RUSSELL, <i>Principal</i> ,	. . . . .	1 Normal
MISS REBECCA JONES, . . . . .	. . . . .	15 Florence
CHARLES F. ADAMS, . . . . .	. . . . .	2 Normal
MISS JULIET PORTER, . . . . .	. . . . .	11 East Shelby
HENRY W. BROWN, . . . . .	. . . . .	5 Forest
MISS HELEN F. MARSH, . . . . .	Stoddard Terrace, Prospect	
MISS ELLEN M. HASKELL, . . . . .	Stoddard Terrace, Prospect	
MRS. MARION J. SUMNER, . . . . .	. . . . .	15 Chatham
MISS ARABELLA H. TUCKER, . . . . .	. . . . .	1 Chadwick
MISS E. LOUISE RICHARDS, . . . . .	Stoddard Terrace, Prospect	
MISS OLIVE RUSSELL, . . . . .	. . . . .	1 Normal
THADDEUS L. BOLTON, . . . . .	. . . . .	53 Eastern
MISS MARY MOSELEY, . . . . .	. . . . .	Dor
JOHN CRON, <i>Janitor</i> , . . . . .	. . . . .	Stoddard

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## STUDENTS.

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### PURSUIING POST-GRADUATE STUDIES.

N. B. — Students whose names are marked with (A) have, besides passing through the regular course of study, served for a half-year as apprentices (see p. 19) in the public schools of the city of Worcester.

Annie Josephine Butterfield (A),	Worcester.
Anna Loretta Callahan,	Barre.
Ellen Gertrude Carey (A),	Worcester.
Florence Lane Cota (A),	New Braintree.
Genevieve Bernardine Convery (A),	Worcester.
Mary Agnes Cunningham (A),	Worcester.
May Elsie Chapin,	Worcester.
Marion Frances Dexter (A),	Franconia, N. H.
Mary Jennie Hart (A),	Worcester.
Lena May Hurlbut (A),	Richford, Vt.
Ellen Teresa McGillicuddy (A),	Worcester.
Annie Teresa McGrath (A),	Worcester.
Katherine Louise McQuaid (A),	Worcester.
Mary Ellen Camilla O'Connell (A),	Worcester.
Mary Catherine O'Connor (A),	Worcester.
Ellen Agnes O'Neil (A),	Worcester.
Eliza Gallup Rawson (A),	Worcester.
May Caroline Rogers (A),	Worcester.
Sarah Agnes Russell (A),	Worcester.
Katherine Sayle (A),	Worcester.
Mary Ida Schultz (A),	Worcester.
Margaret Blanche Toole (A),	Worcester.
Sarah Ella Wilson (A),	Worcester.

### SPECIAL STUDENTS.

Andrew John Dolan, A.B.,	Worcester.
Denis Francis O'Connor, A.B.,	Worcester.

### FIRST CLASS, JANUARY, 1894.

Sophia Elizabeth Belcher (A),	Worcester.
Genevieve Bernardine Convery (A),	Worcester.
Cornelia Vinson Davis (A),	Worcester.
Katherine Gertrude Doon (A),	Worcester.

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Minnie Louise Fish (A), . . . . .	Worcester.
Harriet Adelaide Foley (A), . . . . .	Worcester.
Edith Elizabeth Gunn (A), . . . . .	Northbridge.
Della Madge Hale (A), . . . . .	Grafton.
Olive Isabel Harris (A), . . . . .	Worcester.
Myrtis Isabel Kirby (A), . . . . .	Paxton.
Marietta Matthews (A), . . . . .	Worcester.
Anna Maria McPartland (A), . . . . .	Leicester.
Anne Gertrude Murphy (A), . . . . .	Worcester.
Mary Ellen Camilla O'Connell (A), . . . . .	Worcester.
Eliza Gallup Rawson (A), . . . . .	Worcester.
Louise Amanda Scott (A), . . . . .	Worcester.
Ella Jane Thayer, . . . . .	Worcester.
Sarah Ella Wilson (A), . . . . .	Worcester.
Ethel Maria Woods (A), . . . . .	Worcester.

## FIRST CLASS, JUNE, 1894.

Bertha Frances Albee, . . . . .	Uxbridge.
Anna May Babcock (A), . . . . .	Worcester.
Mabel Boomer Blanchard (A), . . . . .	Worcester.
Rose Anne Boyle (A), . . . . .	Worcester.
Abigail Elizabeth Callahan (A), . . . . .	Millbury.
Mabel Susan Chamberlain (A), . . . . .	Worcester.
Edith Florence Chaplin (A), . . . . .	Worcester.
Mabel Elma Colburn (A), . . . . .	Thayer, Mo.
Louise Julia Diemar (A), . . . . .	Worcester.
Mary Helen Eaton (A), . . . . .	Woburn.
Margaret Elizabeth Flynn (A), . . . . .	Worcester.
Anna Charlotte Harford (A), . . . . .	Worcester.
Sarah Elizabeth Kneeland (A), . . . . .	Worcester.
Elizabeth Bernard McCourt (A), . . . . .	Worcester.
Amanda Murray McDonald (A), . . . . .	Worcester.
Maria McLaughlin (A), . . . . .	Millbury.
Catherine Pauline Mullany (A), . . . . .	Worcester.
Anastasia Leone O'Gorman (A), . . . . .	Worcester.
Helen Austina O'Gorman (A), . . . . .	Worcester.
Mabel Ellsworth Osgood (A), . . . . .	Barre.
Mary Gertrude Perry (A), . . . . .	Sutton.
Mary Eliza Stearns, . . . . .	Barre.
Jane Maria Wheeler (A), . . . . .	Bolton.
Nancy Claflin Wood (A), . . . . .	Mendon.

## APPRENTICES.

Mary Clemens Bascom, . . . . .	Holden.
Anna Loretto Bourke, . . . . .	Worcester.
Sarah Frances Cheney, . . . . .	Worcester.
Joanna Teresa Daly, . . . . .	Worcester.

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Gertrude Lavina Eames,	Worcester.
Frances Isabelle Everett,	Worcester.
Edith Maria Harlow,	Shrewsbury.
Elsie Adelaide Hastings,	Westborough.
Florence Selina Jenkins,	Worcester.
Frances Edna Joyce,	Worcester.
Emma Frances McDonald,	Worcester.
Annie Gertrude O'Day,	Worcester.
Amy Gertrude Perkins,	Templeton.
Alice Jennie Perry,	Worcester.
Hilma Peterson,	Worcester.
Sara Elizabeth Pollard,	Worcester.
Elva Lizette Powers,	Gardner.
Mary Teresa Ryan,	Worcester.
Gertrude Elvira Ryder,	Auburn.
Isabelle Stevenson,	Worcester.
Katherine Ellen White,	Worcester.

## SECOND CLASS.

Alice Belle Aldrich,	Southbridge.
Emma Elizabeth Allison,	Worcester.
Elizabeth Hastings Bray,	Boylston.
Katherine Louisa Broderick,	Worcester.
Alice Josie Bunce,	Worcester.
Mabel Elizabeth Burrage,	Spencer.
Julia Adelaide Butler,	Worcester.
Grace Irene Chapin,	Worcester.
Katherine Grace Crane,	Worcester.
Catherine Theresa Degnan,	Worcester.
Edith Florence Eames,	Worcester.
Flora Torrey Edgecomb,	Fitchburg.
Agnes Margaret Hagerty,	Worcester.
Anna Wilmarth Howe,	Worcester.
Luella Irene Jackson,	Worcester.
Gertrude Idella Johnson,*	Coos, N. H.
Alice Louise King,	Charlton.
Mary Evelyn Mack,	Millbury.
Josie Belle Matthews,	Worcester.
Hannah Teresa McDonnell,	Worcester.
Margaret Rose McGowan,	Worcester.
Elizabeth Gertrude McHugh,	Worcester.
Eliza Jane Meyers,	Worcester.
Mabel Margaret Nick,	Worcester.
Rosealba Parrott,	Worcester.
Hester Sophia Porter,	East Lempster, N. H.
Joanna Frances Riordan,	Worcester.
Blanche May Stone,	Auburn.

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Catherine Agnes Walsh, . . . . .	Worcester.
Alice Stearns White, . . . . .	Bolton.
Catherine Elizabeth Whitty, . . . . .	Fitchburg.

## THIRD CLASS.

Lizzie Hannah Amidon, . . . . .	Spencer.
Lydia Maud Barton, . . . . .	Worcester.
Ida May Beaman, . . . . .	Westborough.
Addie Jane Blanchard, . . . . .	Worcester.
Margaret Anna Britt, . . . . .	Worcester.
Margaret Elizabeth Buckley, . . . . .	Worcester.
Katherine Teresa Butler, . . . . .	Leicester.
Nellie Teresa Maria Butler, . . . . .	Worcester.
Mary Loretta Cahill, . . . . .	Worcester.
Mary Jane Callahan, . . . . .	Barre.
Clara Maud Chase, . . . . .	Millbury.
Elizabeth Margaret Cunningham, . . . . .	Boylston.
Effie Maud Cuthbertson, . . . . .	Fitchburg.
Emmaline Agnes Devlin, . . . . .	Worcester.
Mary Eliza Donaher, . . . . .	Worcester.
Mary Agnes Fleming, . . . . .	Worcester.
Elizabeth Fuyat, . . . . .	Taunton.
Sarah Loretta Gallagher, . . . . .	Worcester.
Margaret Mary Gaynor, . . . . .	Worcester.
Mary Agnes Gilgan, . . . . .	Worcester.
Margaret Clare Gleason, . . . . .	Worcester.
Clara Augusta Harrington, . . . . .	Worcester.
Blanche Bingham Hill, . . . . .	Worcester.
Sarah Matilda Kneeland, . . . . .	Worcester.
Ethelreda Regina Larkin, . . . . .	Worcester.
Florence Julia Wheeler Lesure, . . . . .	Worcester.
May Louise Liberty, . . . . .	Worcester.
Mary Luby, . . . . .	Worcester.
Josephine Gertrude Lynch, . . . . .	Worcester.
Mary Teresa Lynch, . . . . .	Worcester.
Mary Annetta McAuliffe, . . . . .	Uxbridge.
Ellen Gertrude McDermott, . . . . .	Worcester.
Mary Susan Rachael McDonald, . . . . .	Spencer.
Mary Frances McGrath, . . . . .	Worcester.
Elizabeth Clare McMahon, . . . . .	Worcester.
Elizabeth Jane Moran, . . . . .	West Boylston.
Florence Jessie Murdock, . . . . .	Webster.
Annie Maria Newell, . . . . .	Southbridge.
Gertrude Agnes Nutting, . . . . .	Gardner.
Bessie Sterling Pierce, . . . . .	Worcester.
Elsie Gertrude Reed, . . . . .	Worcester.
Susan Isa Seagrave, . . . . .	Uxbridge.

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Annie Maria Sheehan, . . . . .	Millbury.
Helena Veronica Sherin, . . . . .	Hopkinton.
Ellie Maria Starkey, . . . . .	Worcester.
Ella Marie Catherine Sullivan, . . . . .	Worcester.
Susan Clifford Taft, . . . . .	Worcester.
Winona Belle Boynton Taylor, . . . . .	Worcester.
Ellse Sainteté Topanelian, . . . . .	Worcester.

## FOURTH CLASS.

Mary Estelle Bean, . . . . .	Worcester.
Ella Gertrude Brosnan, . . . . .	Worcester.
Anna Selina Cartwright, . . . . .	Berlin.
Catherine Agnes Dolan, . . . . .	Worcester.
Josephine Elizabeth Eagan, . . . . .	Worcester.
Sarah Ruth Everett, . . . . .	East Windsor, Conn.
Ethel Louise Farwell, . . . . .	Clinton.
Catherine Elizabeth Graham, . . . . .	Worcester.
Annie Etta Griffin, . . . . .	Worcester.
Mary Elizabeth Hackett, . . . . .	Fitchburg.
Anna Theresa Hanley, . . . . .	Leicester.
Abbie Louise Hanlon, . . . . .	Worcester.
Josephine Gertrude Hartigan, . . . . .	Worcester.
Della Gertrude Hines, . . . . .	Worcester.
Alice Veronica Jackson, . . . . .	Worcester.
Grace Goodwin Jennison, . . . . .	Worcester.
Helen Clara Johnson, . . . . .	Holden.
Ruth Jenness Johnson, . . . . .	Stratford, N. H.
Anna Louise Jones, . . . . .	Worcester.
Josephine Veronica Judge, . . . . .	Worcester.
Etta Frances Kane, . . . . .	Worcester.
Anna Mary Kehoe, . . . . .	Milford.
Mary Elizabeth Killelea, . . . . .	Worcester.
Carrie Belle Knight, . . . . .	Worcester.
Cora Louise Larsen, . . . . .	Worcester.
Mary Elizabeth Loughlin, . . . . .	Worcester.
Frances Elizabeth McManus, . . . . .	Worcester.
Anna Maria McNally, . . . . .	Worcester.
Helen Gertrude Mulcahy, . . . . .	Worcester.
Anne Louise O'Malley, . . . . .	Clinton.
Sarah Anne O'Malley, . . . . .	Worcester.
Katherine Bernardine Power, . . . . .	Worcester.
Alice Lillian Piper, . . . . .	Worcester.
John Joseph Pratt, . . . . .	Worcester.
Mary Helen Regan, . . . . .	Gardner.
Bertha Elizabeth Roach, . . . . .	Worcester.
Julia Marion Robbins, . . . . .	Worcester.
Bertha May Rogers, . . . . .	Clinton.



Anna Louisa Rydberg,	Worcester
Anna Moore Sears,	Millbury
Edith Bertha Smith,	Worcester
Sophia Caroline Stenman,	Worcester
Maud Louise Stratton,	Millbury
Florice Sadie Belle Taylor,	Worcester
Sarah Winefred Tracy,	Worcester
Frances Cecelia Trainor,	Leicester
Mary Elizabeth Whalon,	Gardner.
Bessie Belle Woodward,	Worcester

## SUMMARY OF NUMBERS.

Post-Graduates,	
Special Students,	
First Class, January, 1894,	
First Class, June, 1894,	
Apprentices,	
Second Class,	
Third Class,	
Fourth Class,	

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2

Deduct for names printed twice, —

Whole number of different pupils in attendance for the year 1893-94, :

Number in Children's Class, .

Number absent on leave, .

## STUDENTS TEMPORARILY ABSENT ON LEAVE.

Mary Elizabeth Davidson,	Millbury.
Nellie Roena Fitch,	Gardner.
Florence May Hodgdon,	Sutton.
Catherine Matilda Lynch,	West Boylston
Margaret Maria McAllister,	Leicester.
Julia Agnes Mary McCabe,	Worcester.
Anna Mary Moran,	Worcester.
Helen Anna Moulton,	Rutland.
Harriet Elizabeth Porter,	Louisville, I
Katie Frances Simonds,	Ashby.
Carrie Louisa Taft,	North Oxford
Estelle Alice Vaughan,	North Presco
Joanna Genevieve Vaughn,	Gardner.
Lucy Addie Whitney,	Worcester.
Margaret Anna Whitty,	Fitchburg.
Margaret Mabel Wilkins,	Worcester.

## CHILDREN'S CLASS.

NAMES.	AGES IN YEARS AND MONTHS.
Mildred Ballou Blake, . . . . .	4-4*
Charles Hall Boutwell, Jr., . . . . .	4-5
May Jane Calder, . . . . .	3-10
Charles Cary, . . . . .	3-10
Edith Christina Carlson, . . . . .	4-3
Evelyn Crosby, . . . . .	3-9
Maud Chesterfield Crowell, . . . . .	4-5
Maurice Cunningham, . . . . .	4-2
John Joseph Dee, . . . . .	4-6
Alice Genevieve Desper, . . . . .	4-4
Helen Agnes Daly, . . . . .	4-1
Joseph Bartholomew Daly, . . . . .	3-0
Charles Finneran, . . . . .	3-8
Florence Fyrberg, . . . . .	4-0
Mary Ellen Heffern, . . . . .	4-2
Richard Edward Huntoon, . . . . .	4-0
Charles William Lepire, . . . . .	3-10
James Love, . . . . .	4-7
Hilma Victoria Margaret Lundberg, . . . . .	4-9
Margaret Gertrude Lynch, . . . . .	4-9
Marcella Rose Madden, . . . . .	3-3
John Edwin Mullauey, . . . . .	3-9
Roy Archibald Peckham, . . . . .	3-7
Edna Sanderson Porter, . . . . .	3-11
William Stanley Reid, . . . . .	3-2
Frederick Edwin Richardson, . . . . .	4-1
Ellen Irene Shea, . . . . .	3-11
John Joseph Sheehan, . . . . .	4-2

## CIRCULAR OF INFORMATION.

### HISTORICAL SKETCH.

The following extract, from the thirty-seventh annual report (1872-73) of the Board of Education, gives in outline a history of the establishment of this school : —

By the terms of a Resolve which went into effect on the twenty-fifth day of June, 1871, the Board of Education were authorized and required to establish a State Normal School in the city of Worcester; and the trustees of the Worcester Lunatic Hospital were authorized and required to convey to the Board of Education and its successors a tract of land of not more than five acres, to be located by the Governor and Council, within certain limits fixed in the Resolve. An appropriation of sixty thousand dollars was made, upon condition that the city of Worcester should pay the Board of Education for the purposes named in the Resolve the sum of fifteen thousand dollars. This condition was promptly complied with. The tract was located by the Governor and Council Sept. 2, 1871; and on the nineteenth day of September, 1871, the conveyance was made by the trustees of the hospital to the Board of Education and its successors in trust, as directed.

The tract of land located is upon Hospital Hill in Hospital Grove (formerly so called), within a short distance of the new Union Depot now in process of erection, — a point at which, when the railroad arrangements now in progress shall be completed, pupils residing on the line of either of the roads leading into the city of Worcester can arrive in season for the commencement of school each day, and take the cars to return after the school exercises are finished.

The exercises of dedication took place on Friday, Sept. 11, 1874; and on the following Tuesday (September 15) the school was opened to pupils.

### THE BUILDINGS.

The school-house is a large, three-story, massive structure built of stone taken from the hill upon which it stands. Its position gives an extensive view of Worcester and its surroundings. From the front steps one looks westward down through clumps of trees over the city lying spread within an inner circle of rolling country. The site, more-

11



MAIN HALL - Rear View.

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over, has all the advantages that light and air can give it. It is not more than fifteen minutes' walk from the Union Station, wherein centre the various lines of railroad by which a considerable portion of the pupils come in daily from their homes.

In its interior arrangement the building is spacious and unusually well fitted to the various needs of the school. Wide corridors and stairways, large and commodious wardrobe-rooms, class-rooms, study-rooms, lunch-room, and in the middle of the building a noble hall, all well lighted, make up an assemblage of conveniences and attractions not often met with even in structures of far greater cost. The main hall, by far the largest and pleasantest room in the building, is used as the daily living room of the school. It is well furnished with such books as the students most frequently need, and is adorned with busts of eminent men and with pictures, for the most part gifts of past graduating classes. The building is efficiently warmed by hot air as well as by steam.

In 1891 a new double building was erected upon the north side of the school grounds, consisting of a dwelling-house for the principal and a dormitory for teachers and students. The latter (Stoddard Terrace) furnishes excellent accommodations for twenty persons, exclusive of a basement tenement for the janitor.

The school grounds comprise five acres, enclosed by a substantial wall of masonry and diversified by picturesque slopes, with groups of trees and shrubs.

#### AIM AND PURPOSE OF THE SCHOOL.

The Board of Education, by a vote passed May 6, 1880, stated the design of the school, and the course of studies for the State Normal School, as follows :—

The design of the normal school is strictly professional; that is, to prepare in the best possible manner the pupils for the work of organizing, governing and teaching the public schools of the Commonwealth.

To this end there must be the most thorough knowledge, first, of the branches of learning required to be taught in the schools; second, of the best methods of teaching these branches; and third, of right mental training.

#### REQUIREMENTS FOR ADMISSION.

Candidates for admission must have attained the age of seventeen years complete, if males, and sixteen if females; and must be free from any disease or infirmity which would unfit them for the office of

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teacher. They must present a certificate of good moral character; give evidence of good intellectual capacity; be graduates of a high school whose courses of study cover three or more years, or have an equivalent education (to be determined by an examination by the faculty of the school under the direction of the Board of Visitors) and pass a satisfactory examination in reading, spelling, writing, arithmetic, geography, English grammar, physiology and hygiene, drawing, and the history of the United States.

As an alternative to the above, candidates may present as subjects for examination one language other than English, algebra or geometry, one of the natural sciences and general history or literature.

The requirement for admission to the advanced course of two years shall be a college graduation or its equivalent.

#### GENERAL TWO YEARS' COURSE.

The general course of study for two years shall comprise the following subjects: —

Psychology, history of education, principles of education, methods of instruction and discipline, school organization, school laws of Massachusetts, methods of teaching the following subjects: —

1. English, — reading, language, rhetoric, composition, literature, history.
2. Mathematics, — arithmetic, book-keeping, algebra, geometry.
3. Science, — elementary physics and chemistry, geography, physiology, study of minerals, plants and animals.
4. Drawing, vocal music, physical culture, manual training.

Observation and practice in the training school, and observation in other public schools.

Graduates of colleges and universities, and of high schools of a high grade and standing, who give evidence of maturity, good scholarship and of aptness to teach, may, with the consent of the principal of the school and of the Board of Visitors, select from the above curriculum of study a course which may be completed in one year, and when such course is successfully completed they shall receive a certificate for the same.

#### ADVANCED COURSE OF TWO YEARS.

The subjects of the advanced course of study for two years are as follows: —

Psychology, history of education, science and art of teaching, school organization, school discipline, school laws of Massachusetts, methods of teaching the following subjects: —

1. Language and literature, — English, French, German, Latin and Greek.
2. Mathematics, — arithmetic, algebra, geometry, trigonometry and surveying.
3. Science, — chemistry, physics, astronomy, physical geography, geology, mineralogy, botany, zoölogy, physiology.  
History, economics, philosophy.  
Drawing, vocal music, physical culture, manual training.  
Preparation of specimens and apparatus.

Persons of exceptional maturity, of a high standing in college, and who give evidence of superior scholarship and special aptness to teach, may, with the approval of the principal of the school and of the Board of Visitors, select from the above curriculum of study a course which may be completed in one year, and when such course is successfully completed they shall receive a certificate for the same.

The above is an enumeration of the studies; their order in the course and the relative emphasis placed upon each is determined by the principal of each school, with the approval of the visitors of that school.

It also needs to be stated that, while the foregoing list of subjects marks out the field covered in the school curriculum, it gives no adequate idea of the actual work done. It is made a special aim to seize every opportunity to give the pupils the benefit of whatever tends to fit them for the work of teaching. The spirit of this endeavor pervades the whole school. It influences the mode and character of most of the exercises, and imparts to the whole work a tone and zest difficult to describe, but which determines whatever of distinct character the normal school possesses.

**TIMES OF EXAMINATION FOR ADMISSION.** — There are three regular entrance examinations each year. The first occurs on the two days following the close of the school year in June (see the calendar); the second and third, on the first two days of the fall and spring terms respectively.

The examinations are held at the main building, beginning at 9 A.M.; and lunch should be brought each day, on account of the distance of the school from the centre of the city.

Private examinations cannot be given.

**LEAVE OF ABSENCE.** — It is often the case that, through weak health or stress of circumstances, pupils may be obliged to miss one, two, three or more terms. It is in the interest of such that the course



need not be pursued uninterruptedly to the end. Students may, and often do, obtain leave of absence to teach or to rest, and resume their work afterwards. This divides, but of course does not shorten, their course of study.

**TERMS OF TUITION.** — Tuition, and also the use of all text-books and necessary school stationery (except drawing materials), are free to such as intend to teach in the public schools of Massachusetts, whether residents of this State or not. Those whose purpose is to teach in other States or in private schools are required to pay in advance fifteen dollars a term (thirty dollars a year) for tuition.

*Pupils who withdraw from the school without permission of the principal must pay at the rate of fifteen dollars a term for the tuition they have received.*

#### GOVERNMENT.

The government of the school is not a government of rules, nor even of laws. The school is not without law, but the pupils are led by suggestion, encouragement and admonition to become a law unto themselves. That this is a statement not merely of what is thought desirable as a method of government, but of what is actually accomplished, is the testimony of both official and casual visitors of the school. The pupils hardly realize that they are governed; they feel that they govern themselves.

#### HEALTH.

**INSTRUCTION IN HYGIENE.** — A marked feature of the school is the special attention directed not only to the physical well-being of the pupils, but to such instruction as will enable them to deal practically with living questions of hygiene as they arise in every-day life. The pupils are both taught to understand the conditions of healthful life, and trained and assisted to put into practice the instruction they receive in the care of health. They have careful oversight, and are advised individually according to their needs. No pupil enters the school without furnishing a physician's certificate of good health, and no pupil is allowed to remain whose physical condition is not thought equal to the demands of the school work. In cases of fatigue, exhaustion, or such indisposition as may unfit pupils for duty, they are advised to take immediate rest; and it is for the use of such that a quiet room, fittingly furnished, and one of the lightest and pleasant-

est in the building, has been set apart. Special efforts are made to counteract any tendency to over-work, over-excitement, or hurry. No recitations or study periods are longer than forty minutes, and during the ample and frequent intervals of relaxation school work is completely put aside.

**RECREATION.** — The pupils find a fund of social recreation not only in the hall, which is provided with a piano, and which is thrown open to them to enjoy themselves as they will, but in the large lunch-room, used exclusively for the purpose that its name indicates. Shortly after midday the luncheons, left since the last recess in the hot closet, are brought out, and the room is soon made lively by the voices of a hundred or more pupils, seated in groups around tables filled to overflowing with the several contributions to this noonday feast. During the warmer months, however, even the lunch-room has to yield in attractiveness to the tree-shaded grounds about the building.

**PHYSICAL EXERCISE.** — A special time is set apart each day for physical exercises of some sort. These consist in part of training in the Ling system of gymnastics; they include also drill in the throwing of light balls, the handling of sticks or wands, marching to music, singing in chorus, or such exercise in or out of doors as is fitted to develop vigor and activity of body at the same time that it cultivates habits of precision and accuracy, and fits the pupils to meet some of the difficulties of drill and discipline in the profession for which they are being trained.

#### **PLATFORM EXERCISE.**

This exercise has the somewhat comprehensive aim of helping pupils to command their faculties and use their mother-wit amid the interruptions and distractions of the school-room. It consists of speaking, reading, drawing, etc., on the platform in presence of the school. The widest range is given to choice of subject and to manner of presenting it, with the single restriction of time. The prepared material must not occupy more than four minutes, although the questions asked by teachers and pupils may change the performance to extemporaneous speaking, and prolong it indefinitely. Forty minutes are used in this manner each day. No time is assigned to individuals, but each takes part when he chooses, or can find

opportunity, with the well-understood provision that not less than nine persons must be prepared and on the platform every day. Since the exercise is a trying one to pupils, there is little direct criticism and such as is made generally takes the form of commendation of the excellences of the performance. In reply to the question, "Which school exercise was most profitable to you?" graduates are almost certain to name this, or "The study of children."

#### THE LIBRARY.

The library has been made to contribute materially to the progress of the pupils, both in general intelligence and literary culture, partly in consequence of the device of placing it in the school hall and the recitation rooms, where it can be used at all times without formal permission. Books may be taken home on Saturday afternoons and kept until Tuesday; and, as they can be obtained more easily from this library than from any other, a large part of the pupils confine their reading to this collection. The result is an acquaintance with a somewhat large number of books of the best sort, and a manifest improvement in literary taste and in standards of excellence.

The almost unrestricted use of the library is not abused. While the appearance of the books is convincing evidence that they are much read, but few volumes have been lost or mutilated in the nineteen years of the existence of the school, and it is rarely necessary to inquire for a book when it is needed.

The number of volumes is at present more than three thousand, and additions are constantly made, up to the limits of the funds available for the purpose.

#### APPRENTICESHIP.

The students in this school have the opportunity, before their graduation, of serving an apprenticeship at teaching in the public schools of Worcester.

The "apprentice" acts as assistant to the teacher of the city school; takes part in the instruction, management and general care of the pupils, under the direction of the teacher; and is sometimes intrusted with the sole charge of the school during the teacher's absence for an hour, a half day or a day. One student only at a time is assigned to any teacher, but each apprentice serves in at least three grades of schools.

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The time taken for the apprenticeship comes just before the final term in the normal school, and amounts to half a school year. But the apprentices spend one day of each week (Wednesday) at the normal school, where they are occupied in the following manner:—

They consult with the teachers, and with one another, and make use of books.

They make informal statements to the school of such facts of their experience as it may profit the other pupils to know,—concerning ways of teaching, cases of discipline and the like,—keeping in mind always the private character of the daily life of the school-room, and under special warning against revelations that might seem objectionable.

Each apprentice keeps a diary of the occupation and experience of every day, and this record is inspected by the faculty of the normal school. The following extracts from diaries are given as specimens:—

**MONDAY (Grade I.).**—I used a new blackboard to-day, and the part of the room from which the board could be easily seen was so small that the children were somewhat crowded. To get them to stand in a half circle, I drew a new moon on the board and asked the children to stand so as to make a moon. I placed them in the order in which I wanted them to stand, and they kept their places until I drew some pictures on the board. Then they were all out of place, and I asked them to make the moon for me while I went to the closet for something. When I got back they were all in their places, and I could not have arranged them better myself. This pleased me more than anything else to-day.

**TUESDAY (Grade III.).**—I have one boy in my room who is very near-sighted, and to-day I forgot to change his seat for the language lesson. During the first part of the lesson he did not give any attention, and I had to speak to him several times. I began to wonder what was the matter with John, when it occurred to me that perhaps he could not see what was put on the board and so was not interested in it. I changed his seat, and then he was as eager to recite and do his part as any of the children.

**WEDNESDAY (at the normal school).**—It seems as though I get more direct help during the apprentices' "open period" than at any other time on Wednesday. We discuss such little details as do not seem worth referring to a teacher, and I find it a great help to hear of the experiences of the other apprentices. One apprentice asks, for instance, "What do you teach for 'Nature Study'?" Then the account of three or four different topics taught

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is given by one and another, and there is a mutual gain. Cases of discipline, management, etc., outside of the course of study prove a valuable subject for discussion.

THURSDAY (Grade IV.). — Peter is a new boy who has been with us but a few days. I have not required much of him yet, hoping that he would soon learn our ways. Yesterday he did not know his geography lesson, and to-day, when the children studied, I told him I wanted him to learn the names of the five Great Lakes. When I asked him to recite he said he couldn't. I asked him if he tried to learn them, and he said "No." I did not know just what to do. I did not know the boy nor the things which would appeal to him. But I said to the class, "You may recite the names of the lakes for Peter, one at a time at the map, and we'll see how many will have to recite before he can say them." The first one or two he did not pay much attention to, but after about five had recited he had his hand up ready to say his lesson.

FRIDAY (Grade IV.). — In planning a lesson to give within twenty minutes. I thought I should be able to teach the physical features of the United States. I had the map drawn in white chalk and placed before the class, and intended to have the features put in in colored chalk. I began by putting in the Mississippi River in blue, and in my conversation with the children I found that they didn't know what the source and mouth of a river were. I then changed the plan of my lesson, and gave a thorough lesson on a river. The children understood it, and showed great interest in the descriptive part of my talk. I also taught them incidentally a valley and a river-bed; and heard from them reasons of their own why rivers flow irregularly through the land, and not in a straight line.

This was yesterday. To-day I planned to teach the mountain ranges, and at the end of the lesson I made sure that three-fourths of the children knew them and could point them out on the map; I can safely vouch for the rest, although I did not try them. At first I was to line in each range with green chalk according as the children knew them; but as I was about to do the first one I saw Harold slide down in his seat and whisper. I said, "Harold may put in the Appalachian Mountains." When he heard his name he jumped up and stared as though he did not understand. I repeated it, and he came up with a puzzled expression on his face and did what he was told to do. I had but one piece of green chalk, and wished I had more, as I noticed another boy whose interest was flagging. I broke the chalk, and finally had four of the most troublesome boys busy at the map, each putting in a range of mountains, while the rest of us talked about mountains. The boys thought it a treat to use the colored chalk, and looked at the others with an air of great importance, as having helped to make the map.

The apprentice is visited by the faculty of the normal school while engaged in his work, is carefully observed and is aided by sugges-

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ns. The teacher of each school in which he has served makes out report in the following form : —

[STATE NORMAL SCHOOL AT WORCESTER.]

eport of the apprentice work of

Grade ..... Street School.

line from ..... to .....

Scale, 10 — Use no fractions.

No. of ences.	No. of Tardl. nesses.	Power of Control.	Power of Interesting.	Skill in Question- ing.	Skill in Ex- plaining and Illustrating.	Enthusiasm.	Bear- ing.

1. What traits of excellence (if any) have been shown in teaching or man-  
ement?
2. What weakness or deficiency?

[Signature] .....

Important data are thus provided for an estimate of the ability of  
idents to instruct and control ordinary pupils in our common schools.  
e additional six months of preparation required for the experience  
ure increased maturity of body and mind ; and the students of  
is school, with very few exceptions, eagerly avail themselves of  
eir opportunity.

The main object of the apprenticeship is, however, to give the  
ident practical acquaintance with the teaching of children through  
ily observation and practice under supervision, direction and  
iticism.

Our graduates, after the lapse of a sufficient number of years for  
em to estimate the effects of the apprenticeship upon themselves,  
stify almost unanimously to its great value. Some regard it as  
he most important term in the whole course of the normal school."



"By the kindly criticism of my teachers I was enabled to correct my faults before I became confirmed in them. I also gained many important ideas in school management that have been of great service to me."

"Even after four years I frequently find myself influenced in ordering and planning my work by memories of my apprenticeship."

"It helped me to see the practical side of teaching and showed me some of the difficulties which I should have to meet when I became a teacher."

The school board of the city of Worcester heartily approve apprenticeship on the ground of the benefit accruing indirectly to city schools, through the greater fitness of the apprentices to become teachers.

As the student of the normal school who passes successfully through the period of apprenticeship receives a certificate of the same in connection with his diploma at graduation, the extra time required for the experience must in almost every case be more than made good by the greater probability of securing a position, and the greater likelihood of success at the outset of the teacher's career.

There are, however, individuals in the school for whom it is impossible or impracticable to undertake this special preparation. Apprenticeship is not enforced upon any student; it is simply recommended. Individuals who do not enter upon it enjoy all the advantages of the school, with this single exception.

#### THE STUDY OF CHILDREN.

The school is much indebted to Dr. G. Stanley Hall for a suggestion that the study of psychology might be pursued in part by original observation of children. From his idea as a starting-point a scheme for this purpose has been worked out and adopted as a permanent part of the school curriculum.

The principal requests the students to observe the conduct of children in all circumstances, — at home, at school, in the street, at work, at play, in conversation with one another and with adults, — and to record what they see and hear as soon as circumstances will permit. When the nature of the work is explained to the school, great emphasis is placed upon the necessity of having the records genuine beyond all possibility of question; of having them consist of a simple, concise statement of what the child does or says, without comment by the writer; of making both the observation and the record with

the knowledge of the child ; and of noting the usual, rather than the unusual, conduct of the individuals observed.

For convenience in classification, blanks of six colors are provided for the records. White paper is used for such observations as students make themselves ; red for well-attested ones reported by others ; yellow for reminiscences of their own childhood ; green for mention of whatever they read on the subject ; blue for exceptional or defective children ; and chocolate for observations that extend continuously over a period of time. Each blank has the following heading : —

[STATE NORMAL SCHOOL AT WORCESTER.]

#### STUDY OF CHILDREN.

"I worked on true Baconian principles, and without any theory collected facts on a whole-sale scale . . . ." — *Darwin, Autobiography.*

1. Date, .....
2. Observer's name, ..... age, .....  
P. O. address, .....
3. Name (or initials) of person (child) observed, .....  
sex, ..... ; nationality, ..... ; age (yrs. and mos.), .....
4. Length of time between making the observation and recording it, .....

#### RECORD.

If the record is from hearsay, the names of both recorder and observer must be given.

Pupils write the records at their convenience (immediately after making the observation is the best time) and put the papers in a designated place. A teacher reads them from time to time, and classifies them under the heads knowledge, reflection, imagination, conscience, feeling, play, etc.

Both teachers and pupils feel that no other part of the pedagogical training has so direct an influence in developing the qualities most sought in a teacher. It is clearly manifest that it awakens curiosity

concerning the phenomena of child-nature, excites intelligent sympathy with children, and contributes to skill in discipline and instruction. Graduates and apprentices give abundant testimony on these points.

The work of making observations is not compulsory, but nearly all members of the school engage in it from genuine interest. A few selected papers are placed from time to time where they may be read by all who care for them. How far these serve as stimulus and example is not known; but every day, not excepting the first day of a term, brings its supply of records, even though the subject may not have been explicitly mentioned for months. It is indeed the most nearly self-sustaining exercise in the school.

Many valuable records are reports of what is seen in the street on the way to or from school, but perhaps the highest value attaches to the reminiscences of the observer's own childhood. To recall one's own feelings, motives and conduct, in circumstances that are repeated in the life of every child, proves, as might be expected, in a high degree salutary, and affects sensibly the manner of judging others. The frankness and humor with which this kind of report is made are often very interesting.

Systematic instruction in psychology is aided both in the way of preparation and supplement by this additional study. Pupils are thus furnished at the outset with facts of their own observation which serve as elementary materials for scientific classification and study; they have a habit of observing a certain class of phenomena and have received suggestions and cautions that are of service to them in other departments; they are able to pass more easily to mental science, because they have learned that that, as well as natural science, can be pursued by an objective method; they have an already awakened and active interest in the subject that gives them pleasure in learning general principles, sometimes in part known by their own observations; and, moreover, they attach a different value to a textbook which they see is a natural outgrowth of an experience like their own.

As all students make observations, some records have no value apart from the wholesome endeavor that made them; but a progress in the significance of the things noticed and in the manner of recording them is apparent. During the latter part of a term the proportion of significant and valuable papers is greater than during the first part. All papers are carefully preserved (about two thousand have

been collected each year), and it is hoped that they may be of value to students of child-nature ; but the primary object of collecting them is the training of prospective teachers, and so highly does the work commend itself as a means to this end, that, if nothing ulterior to this is gained, complete satisfaction, and no disappointment, will be experienced.

Those who may desire a fuller exposition of the method and its results are referred to *The Pedagogical Seminary* (Clark University), Vol. I., No. 2, and Vol. II., No. 3 ; also, *The Educational Review* for December, 1893.

### PLANT STUDY.

Considerable emphasis is laid on the study of plants in this school, as being perhaps the branch of natural science best adapted to our public schools. This has come to mean with us a great deal more than mere technical botany, of which, indeed, we have comparatively little.

Effort is made by means of the collection and study of plants to awaken our pupils to a consciousness of all out-door things, to extend and refine their observation and develop an interest in nature that shall be genuine and lasting. The regular class instruction is made to extend throughout a year in order to give opportunity for the study of all stages of plant life. All students collect specimens, thus gaining acquaintance with the natural conditions of their growth, and, according to the season, buds, leaves, flowers and fruits are studied and classified. For practical work in germination each pupil is furnished with a flower-pot and encouraged to make experiments with a variety of seeds and to exhibit results. Many kinds of winter buds are opened in the house and the characteristic vernalization of shrubs and trees noted. Forms of leaves are preserved by means of impressions made in printers' ink ; flowers are pressed and mounted for the school herbarium ; other parts of plants are fixed on cardboard and temporarily preserved, such as seed vessels, twigs, buds, bark, etc. Several more extensive collections have also been made ; one of seeds, one of leaves of trees growing in Worcester County, one of flowers growing naturally on the school grounds, one (small as yet) of our native woods. Considerable study is made of our common indigenous trees, particularly their characteristic appearance in the different seasons. Directories have been made of the localities of trees and flowering plants in the vicinity, and records of their

times of blossoming from year to year. Special blanks, similar to those used in our study of children, are furnished for recording particular observations. A daily exhibit is made by the pupils in turn, extending throughout the year, of some single plant in bud, leaf, flower or fruit, with its common and scientific names. Topics of wide, general interest are assigned from time to time for students to read and report upon, such as connection of forests with water supply, plants named in the Bible, geographical distribution of plants, etc. Much is made of the autumn color display, leaves being brought in every day and exhibited on screens, as well as placed in glass frames and hung in windows to be seen by transmitted light. In object drawing great use is made of plant forms. Our library is particularly rich in the literature of out-door nature, and much of the reading of our students is in this direction. Twice a year an Arbor Day is set apart for a practical application of what has been learned as to soils, planting, transplanting, pruning, etc., and not only on those days but all through the growing season the pupils of the school, divided into six groups and under leaders of their own choosing, take the whole charge of that number of beds or "pockets" and finally put them in order for the winter.

### DRAWING.

The class work includes the following topics: —

1. Blackboard drawing (illustrative and extending throughout the course).
2. Color. Scales of color (standards); harmonies of color; elementary design.
3. Clay modelling.
4. Paper cutting; splint laying.
5. Mechanical drawing. Geometric problems; working drawings; development of surfaces.
6. Plant forms. Budding twigs; leaves; flowers; seed vessels.
7. Applications of color. Hues, and "broken" colors; arrangements in design; historic ornament.
8. Model and object drawing.

The method is based on the idea that drawing is a language, and from the first the student is encouraged to use this language daily, especially at the blackboard. In every class and every subject where language is used a premium is put on any drawing, however rudimentary, that can serve as an added means of expression. Stress is therefore





aid upon courage and intelligence in every effort rather than the mere manual dexterity that may be a natural gift or may come by practice.

### CHILDREN'S CLASS.

The children's class or kindergarten has numbered twenty-eight children between three and five years old, including both sexes in equal numbers, and has continued in charge of Miss E. Louise Richards, an accomplished and experienced kindergartner, assisted by Miss Olive Russell, a graduate (1889) of the normal school.

The class occupies a beautiful and sunny suite of rooms in the south-west corner of the ground floor and is the object of great attraction and interest on the part of students and teachers. It is made serviceable to our pupils for purposes of daily observation and study, but not for practice. The class affords excellent opportunities for certain lines of child study and for experimentation in elementary teaching and the care and management of young children; and it exhibits to our students the earliest forms and phases of the work which they are to undertake in its next stage.

The sessions are held from 9 till 12 every week-day except Monday, with holidays and vacations coinciding with those of the normal school.

Only children who are in good health and who have been vaccinated are received.

No charge is made for tuition, and no obligation to follow any regular course of instruction or training is assumed.

The presence of visitors (except the parents of the children) was found to interfere seriously with the work of the class, and we were therefore reluctantly compelled to except this class from general visitation.

INDIVIDUAL INSTRUCTION OF OLDER CHILDREN. — There are many children in the community who, on account of natural backwardness, delicate health, peculiarities of temperament, or other causes, are not well fitted for the classification and methods of the public schools and **do not thrive** there, but who, if dealt with by themselves and in different surroundings, might derive benefit from skilful personal training.

We are ready to receive, under the conditions enumerated below, a small number (not more than ten) of such exceptional children, of either sex, for individual care and instruction in the normal-school building. There will be no formal classification whatever. Each



child will be placed in charge of one of our senior students, under the direction and oversight of a normal school teacher, and will receive such care and teaching as seem best adapted to his peculiar capacities and needs.

No charge will be made for tuition, and no responsibility will be assumed for any specific course or form of instruction or for the progress of any pupil.

Each child must be between six and twelve years of age, must make application in person to the principal, must be capable of orderly behavior and of improvement, and must bring a physician's certificate (we furnish the proper blank) of vaccination and of freedom from marked or disqualifying disease.

The hours of attendance will be from 9 to 12 on all days when the normal school is in session, and reasonable regularity and punctuality will be required.

#### GENERAL FACILITIES.

INCIDENTAL ADVANTAGES. — Important facilities for general improvement are offered to pupils in the libraries, institutions and other means of culture in which Worcester is rich.

The extensive and well-arranged museum of the Worcester Natural History Society is open for inspection, and specimens in all departments can be borrowed by teachers and students, and taken to the school for purposes of study and illustration.

The hall of the American Antiquarian Society contains a notably rich store of interesting exhibits, and the library includes a rare treasury of books pertaining to American history.

The free public library stands almost unique among the institutions of the kind in this country for the effective relationship existing between it and the schools. Its large and well-endowed reference library, its well-filled circulating department, its reading-rooms, supplied with the leading domestic and foreign papers and periodicals, afford exceptional opportunities to the schools. Special facilities are offered to teachers and pupils, and the librarian is unsparing in his efforts to render every aid in the choice and use of books, or in any way in which he can assist the reader.

RAILROAD FARES. — The six lines of railroad centring in Worcester afford easy communication with the neighboring towns and villages. Season tickets or mileage tickets are issued to pupils of





CORNER OF STUDENT'S ROOM (Stockland Terrace).

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the normal school at greatly reduced rates, and the daily sessions of the school are so arranged as to accommodate those who wish to come and go by the cars.

### GENERAL INFORMATION.

**BOARD AND ROOMS.** — Students are advised to board in the city if possible. Not much is saved pecuniarily by those who go in and out every day by rail, and the loss of time and the incidental exposure put them at serious disadvantage.

#### STODDARD TERRACE,

previously described, affords very superior furnished rooms — it is not a boarding-house, but a dormitory — for about twenty students and teachers. Those who lodge here find table-board in families near at hand. The terms are \$38.00 for the school year, and no deduction is made for temporary absence. No student is received for less than a half-term. Further particulars may be obtained from the principal, to whom early application for rooms should be made.

Other boarding places in respectable private families in the neighborhood, approved by the authorities of the institution, are easily obtained. To such as seek information or advice in this direction the principal is ready to give every assistance in his power.

The average cost of board in families (generally including fuel, light and washing) has been ascertained to be \$4.00 to \$4.50 per week.

**INCIDENTAL EXPENSES.** — The necessary incidental or miscellaneous expenses have averaged about five dollars for each pupil for the term, or ten dollars a year.

These averages imply strict economy on the part of pupils, and in making an estimate of expenses it would probably be unsafe to go below the above figures.

#### STATE AID.

The Commonwealth has regularly appropriated several hundred dollars a year to each of its normal schools, to be divided among such pupils as are most needy and deserving. This school of course receives its proper share of such funds, and is able to render assistance to a number of students each year.

The State also gives the use of all the text-books required in the course, as well as free access to an ample and well-selected library of reference and general literature.

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**NORMAL SCHOOL SCHOLARSHIPS AT HARVARD.**

There are eight scholarships in the scientific school of Harvard University for the benefit of graduates of the State normal schools. The annual value of each of these scholarships is one hundred and fifty dollars, which is the price of tuition, so that the holder of the scholarship gets his tuition free.

The incumbents are originally appointed for one year, on the recommendation of the principals of the schools from which they have been severally graduated. These appointments may be annually renewed, on the recommendation of the faculty of the scientific school.

**TO VISITORS.**

A hearty invitation is extended to the parents and friends of pupils — to all, in fact, who may feel inclined — to visit the school, and see the current and method of its daily working. *The first two and last two weeks of a term are, obviously, the least favorable times for a visit.*

The school committees and superintendents of the neighboring towns are particularly and earnestly urged to make themselves acquainted with this school, — especially designed, as it is, to aid them in their work of improving our public instruction, — and to introduce to its advantages such young teachers of promise as aspire to more thorough preparation for their calling.

The school is not in session on Mondays. On other days the hours (leaving out the noon recess) are from nine o'clock to four, an arrangement that has been found the most convenient for ninety-six per cent. of the pupils.

APPENDIX.

GRADUATES.

NOTE. — All the graduates have been examined and approved as teachers the schools of Worcester by the examining committee of the school board the city.

When any change of name or residence has been reported, it is indicated immediately under the name and residence at the time of graduation. Graduates will see that it is very desirable to have notice of such changes promptly sent to the principal.

FIRST CLASS, JULY, 1876.	
NAMES.	RESIDENCES.
Eliza Walker Ball, . . . . .	Upton.
Muriel Crook, . . . . .	Valley Falls.
Mrs. Fred. Snider, Northampton.	
Elizabeth Eudora Goddard, . . . . .	Worcester.
Elizabeth Jane Lyford, . . . . .	Spencer.
Died in Worcester, Jan. 30, 1891.	
Elizabeth Chauncey Lyford (Secretary), . . . . .	Spencer.
Worcester.	
Elizabeth Anna Newton, . . . . .	Worcester.
Mrs. Henry E. Chace, Fall River.	
Elizabeth Vara Proctor, . . . . .	Spencer.
Mrs. Nathan A. Cobb, Sydney, Australia.	
Elizabeth Ann Arabella Tucker, . . . . .	North Brookfield.
Elizabeth Eliza Whiteman, . . . . .	Le Roy, N. Y.
Mrs. George H. Marsh, Kenmore, N. Y.	
Elizabeth Ann Alberta Williams, . . . . .	Worcester.

SECOND CLASS, JANUARY, 1877.	
Frances Maria Athy, . . . . .	Worcester.
Elizabeth Lillian Bennett, (Secretary), . . . . .	Worcester.
Mrs. J. J. Miller, Waltham.	
Elizabeth Ann Boyd, . . . . .	Cherry Valley.
Elizabeth Florence Emily Brown, . . . . .	East Douglas.
Mrs. Horace B. Martin, East Douglas.	
Elizabeth Muriel Abigail Brown, . . . . .	East Douglas.
London, Eng.	

NAMES.	RESIDENCES.
Mary Ellen Cecelia Carroll, . . . . .	Worcester.
Jennie Lullona Dearborn, . . . . .	Worcester.
Clara Amelia Grout, . . . . .	Worcester.
Mrs. John W. Nichols, Barre, Vt.	
Milly Jane Hall, . . . . .	Upton.
Mrs. Henry L. Patrick, Hopedale.	
Gertrude Hawkins, . . . . .	Fitchburg.
Mr. Charles F. Wilson, Bakersfield, Cal.	
Augusta Seaver Houghton, . . . . .	Wilkinsonville.
Mrs. Louis E. Chase, Wilkinsonville.	
Annie Devereaux Johnson, . . . . .	Worcester.
Mrs. James Logan, Worcester.	
Helena Adelaide Marie Kalaher, . . . . .	Worcester.
Gertrude Mitchell King, . . . . .	Nantucket.
Margaret Jane McCann, . . . . .	Worcester.
Mary Elizabeth Murphy, . . . . .	Worcester.
Philadelphia, Pa.	
Jeanette Maria Putnam, . . . . .	Northbridge.
Mrs. Edward E. Clark, Auburndale.	

## THIRD CLASS, JULY, 1877.

Carrie Maria Adams, . . . . .	Worcester.
Emma Abbie Bigelow, . . . . .	Holden.
Mrs. E. C. Houghton, Newtonville.	
Ida Frances Boyden, . . . . .	Oakham.
Mrs. Alvan H. Brown, East Douglas.	
Jennie Ellis Chandler, . . . . .	Duxbury.
Bridgewater.	
Bessie Alice Chase, . . . . .	Worcester.
Mrs. Edmund P. Capron, Boston.	
Josephine Percy Chase, . . . . .	Worcester.
Mrs. George B. Cowell, East Norwalk, Conn.	
Katie Agnes Coughlin, . . . . .	Worcester.
Mrs. David L. Bradt, Worcester.	
Mabel Crane, . . . . .	Blackstone.
Mrs. W. Henry DeLong, Worcester.	
Mary Rebecca Doherty, . . . . .	Worcester.
Mrs. Thomas D. Connolly, Beverly Farms.	
Eliza Ann Fairbanks, . . . . .	Westborough.
Mrs. C. H. Hersam, Westborough.	
Ellen Montgomery Fitts, . . . . .	Worcester.
Mrs. Robert M. Higgins, St. Louis, Mo.	
Mary Elizabeth Fitzgerald, . . . . .	Worcester.
Ida Louise Gaskill, . . . . .	Blackstone.
Ella Eudora Hall, . . . . .	Worcester.
Mrs. Alfred C. Bradish, Worcester.	

NAMES.	RESIDENCES.
Mary Field Harrington, . . . . .	Worcester.
Anna Beatrice Hopkins, . . . . .	Worcester.
Mrs. John H. Leland, Worcester.	
Olive Rice Jenks, . . . . .	Spencer.
Mrs. Benjamin S. Crocker, Chicago, Ill.	
Lucia Naomi Jennison, . . . . .	East Templeton.
Cambridge.	
Mary Ann Kean, . . . . .	Worcester.
Mrs. James Early, Worcester. Died in Worcester, Oct. 9, 1891.	
Anna Maria Murray, . . . . .	Worcester.
Katie Ann McCarthy, . . . . .	Worcester.
Mrs. Thomas F. Boyle, Worcester.	
Minnie Willietta Sherman, . . . . .	Worcester.
Anna Maud Smith, . . . . .	Worcester.
Mrs. Otis A. Merrill, Lowell. Died in Lowell, April 30, 1886.	
Hattie Urania Thwing, . . . . .	Worcester.
Mrs. Charles F. Smith, Worcester.	
Annie Teresa Timon, . . . . .	Worcester.
Isabella Livingston Tullis, . . . . .	Worcester.
Mrs. Belle T. Harding, Brooklyn, N. Y.	
Jennie Abbie Whitney (Secretary), . . . . .	Worcester.
Mrs. Henry H. Browning, Haverhill.	

## FOURTH CLASS, JANUARY, 1878.

Lizzie Joanna Andrews, . . . . .	Worcester.
East Milton.	
Addie Jane Booth (Secretary), . . . . .	Worcester.
Mrs. Alvarado A. Coburn, Worcester.	
Ella Agnes Casey, . . . . .	Worcester.
Elizabeth Edwina Chapin, . . . . .	Worcester.
Jennie Cora Clough, . . . . .	Worcester.
Mrs. George A. Busby, Worcester.	
Edna Currier, . . . . .	Worcester.
Mrs. Amory C. Holden, Worcester.	
Anna Crosby Cutting, . . . . .	Templeton.
St. Paul, Minn.	
Katie Anna Fallon, . . . . .	Worcester.
Mrs. Thomas W. Butler, Worcester.	
Addie Eliza Kendall, . . . . .	Worcester.
Mrs. William E. Waitt, Worcester.	
Armina Lillian Paul, . . . . .	Worcester.
Mrs. James C. Stewart, Worcester. Died in Worcester, Sept. 13, 1893.	
Lilla Maria Rice, . . . . .	Grafton.
Mrs. Charles L. Ware, Fort Scott, Kan.	
Fanny Louise Smythe, . . . . .	Worcester.
Mrs. John F. Kyes, Worcester. Died in Worcester, April 19, 1882.	



NAMES.	RESIDENCES.
Marietta Sykes, . . . . .	Blackstone.
Mrs. Edward D. Brown, Minneapolis, Minn.	
Mary Alice Winter, . . . . .	Northbridge.
Mrs. Harold Foss, Westbrook, Me.	

## FIFTH CLASS, JULY, 1878.

Nettie Eliza Adams, . . . . .	Fitchburg.
Mrs. J. Chauncey Lyford, Worcester.	
Elizabeth Estelle Bent, . . . . .	South Gardner.
Mrs. Elizabeth B. Eaton, South Gardner.	
Emma Frances Brown, . . . . .	Worcester.
Isabella Newton Eddy, . . . . .	Leicester.
Mrs. Charles T. Newton, Millbury.	
Mary Abby Hayward, . . . . .	Ashby.
Mrs. Thomas A. Callahan, Worcester.	
Mary Elizabeth Houghton (Secretary), . . . . .	Worcester.
Mrs. C. David White, Washington, D. C.	
Isabel Pemberton Morey, . . . . .	West Brookfield
Harriet Betsey Sargent, . . . . .	South Gardner.
Philadelphia, Pa.	
Carrie Angelicia Smith, . . . . .	Worcester.
Mrs. Herbert W. Chamberlain, Worcester.	
Nellie Blake Webber, . . . . .	Worcester.
Mrs. Winslow S. Lincoln, Worcester.	

## SIXTH CLASS, JANUARY, 1879.

Jennie Irene Adams, . . . . .	Fitchburg.
Mrs. Charles F. Martensen, Springfield.	
Hattie Woodward Arnold, . . . . .	Westborough.
Mrs. D. O. Clark, Warren.	
Emma Buckley, . . . . .	Worcester.
Mary Rosalie Goddard (Secretary), . . . . .	Worcester.
Mary Emma Hastings, . . . . .	Westborough.
Waltham.	
Jennie Leonora Higgins, . . . . .	Worcester.
Mrs. James E. Smith, Worcester.	
Effie Frances Kinne, . . . . .	Plainfield, Conn.
Mrs. Edwin D. Goodell, Brookfield.	
Katie Agatha McLoughlin, . . . . .	Worcester.
Hattie Stearns Putnam, . . . . .	Worcester.
Sarah Elizabeth Rogers, . . . . .	Worcester.
Mrs. Edwin N. Sanderson, Fort Edward, N. Y.	
Adeline Estelle Sprague, . . . . .	Worcester.
Mrs. Fred. F. Sprague, Worcester.	
Marion Capitola Tucker, . . . . .	North Brookfield
Mrs. Frederick N. Hunter, Spencer.	

## SEVENTH CLASS, JULY, 1879.

NAMES.	RESIDENCES.
Gene Bacon, . . . . .	Framingham.
Nobscot.	
ry Ella Clark, . . . . .	Paxton.
san Drake, . . . . .	Spencer.
Died in Spencer, June 16, 1898.	
ggie Agnes Flaherty, . . . . .	Worcester.
ma Lorette Giffin, . . . . .	Templeton.
Mrs. Charles H. Wright, Wilmington, Del.	
ie Elizabeth Kenney, . . . . .	Worcester.
Milford.	
en French Lindsay, . . . . .	Grafton.
Worcester.	
rietta Agnes Murray (Secretary), . . . . .	Worcester.
ia Harriet Newton, . . . . .	Paxton.
Mrs. Fred. Barnes, Worcester.	
win Thomas Painter, B.S., . . . . .	Worcester.
Edwin Thomas Painter, M.D.	
ma Miller Plimpton, . . . . .	Northbridge.
Worcester.	
ry Agnes Rourke, . . . . .	Worcester.
ry Abbie Sanborn, . . . . .	West Baldwin, Me.
Mrs. George B. Faddock, Minneapolis, Minn.	
by Brewer Shute, . . . . .	Auburn.

## EIGHTH CLASS, JULY, 1880.

ah Maria Averill, . . . . .	Plainfield, Conn.
ra Anna Baldwin, . . . . .	Worcester.
ry Elizabeth Barnard, . . . . .	Harvard.
Mrs. William J. D'Ewart, Worcester.	
ry Mead Bowen, . . . . .	Mianus, Conn.
Worcester.	
ry Etta Buxton, . . . . .	Worcester.
Mrs. Robert W. Robinson, Worcester.	
ah Maria Davis, . . . . .	Webster.
isy Alice Miranda Fairchild, . . . . .	Worcester.
Mrs. Sidney A. Sherman, Providence, R. I.	
ttle Grant Gates (Secretary), . . . . .	Worcester.
ry Gertrude Griggs, . . . . .	Worcester.
ta Lorenda Hill, . . . . .	West Upton.
Mrs. Edward H. Forbush, Medford.	
roline Elizabeth Howe, . . . . .	Paxton.
ry Anne Kane, . . . . .	North Brookfield.
Mrs. John A. Howard, Spencer.	

NAMES.	RESIDENCES.
Harriet Lightbourn, . . . . .	Worcester.
Mrs. Harry W. Cobb, Worcester.	
Alice Elizà Meriam, . . . . .	Worcester.
Emma Sophronia Peirce, . . . . .	Leicester.
Died in Worcester, March 26, 1884.	
Nellie Louisa Pierce, . . . . .	Chesterfield, N. H.
Mrs. Fred. W. Fogg, Worcester.	
Rosa Isabelle Seavey, . . . . .	Worcester.
Mrs. William C. Howe, Worcester.	
Anna Philena Smith, . . . . .	Central Village, Con
Maude Mary Smith, . . . . .	Grafton.
Mrs. S. G. Lynn, Saundersville.	
Marina Harwood Tucker, . . . . .	North Brookfield.
Mrs. Wilber W. Hobbs, Worcester.	

## NINTH CLASS, JULY, 1881.

N. B. — Graduates whose names are marked with (A) have, besides passing through the regular course of study, served for a half year as apprentices (see page 20) in the public schools of the city of Worcester.

Selma Petronella Ahlstrom (A), . . . . .	Worcester.
Mrs. J. O. Emanuel Trotz, Worcester.	
Hattie Bond Andrews (A), . . . . .	Worcester.
Olive Maria Butler, . . . . .	Worcester.
Mrs. Charles F. Howard, Orange. Died in Meriden, Conn., Dec. 22, 1889.	
Elida Maria Capen (A), . . . . .	Charlton.
Berlin, Germany.	
Rebecca Harlow Davle, . . . . .	Worcester.
Wilton Herbert Desper, B.S., . . . . .	Worcester.
Edward Doolittle Fitch, . . . . .	Worcester.
Edward Doolittle Fitch, M.D., Worcester.	
Anna Trask Kelly (A), . . . . .	Worcester.
Mary Emily McCormick (A), . . . . .	Worcester.
Mrs. Edward W. Erwins, Worcester.	
Alice Caroline Mason (A) (Secretary), . . . . .	Worcester.
Mrs. George F. Barnard, Worcester.	
Catherine Theresa Nevins (A), . . . . .	Nantucket.
Georgiana Maria Newton (A), . . . . .	Worcester.
Bertha May Peckham (A), . . . . .	Southborough.
Mrs. Elmer I. Balcom, Whitinsville.	
Elizabeth Nettle Robinson, . . . . .	Templeton.
Mrs. W. S. Hincks, Worcester.	
Angenette Ethelinda Stone (A), . . . . .	Northbridge.
Minneapolis, Minn.	
Jennie Matilda Tainter (A), . . . . .	Worcester.
Mrs. James H. Sutton, Worcester.	

## TENTH CLASS, JANUARY, 1882.

NAMES.	RESIDENCES.
rence Bicknell (A), . . . . .	Rowe.
Died in Boston, May 23, 1885.	
ie Chapin (A), . . . . .	Auburn.
ie Mitchell Dorr, . . . . .	Southborough.
Medfield.	
y Blake Dudley (A), . . . . .	Worcester.
Mrs. W. B. Beach, Jr., New York City.	
na Gertrude Goodwin (A), . . . . .	Worcester.
ie Calista Hale, . . . . .	Hubbardston.
ie Frances Jones (A), . . . . .	Lunenburg.
asses Dolbell Martin, . . . . .	Worcester.
Mrs. Adam Creelman, Newark, N. J.	
Marion McCambridge (A) (Secretary), . . . . .	Worcester.
abeth Adelaide Potter, . . . . .	Worcester.
y Ella Proctor (A), . . . . .	Worcester.
Mrs. Henry B. Quimby, Worcester.	
ia Bush Ranger (A), . . . . .	Worcester.
Mrs. Elmore F. Johnson, Worcester.	
ah Lydia Sawyer, . . . . .	Fitchburg.
Mrs. John W. Jigger, Hyde Park.	
oline Isabel Stone (A), . . . . .	Auburn.
Mrs. William Woodward, Worcester.	
el Burnside Tew (A), . . . . .	Worcester.
Mrs. Hiram E. Barnard, Worcester.	
ia Laura Wells (A), . . . . .	Rowe.
Mrs. Benjamin T. Henry, Rowe.	
y Blanche Wheatley (A), . . . . .	Worcester.
Died in Worcester, Feb. 7, 1886.	

## ELEVENTH CLASS, JUNE, 1882.

riet Almira Baker, . . . . .	Phillipston.
lie Maria Blenus, . . . . .	Worcester.
Mrs. J. William Patston, South Framingham.	
ia Theresa Cavanaugh (A), . . . . .	Worcester.
ils Richards Condry, . . . . .	Groton.
Died in Groton, June 24, 1892.	
Fosket (A), . . . . .	Webster.
Worcester.	
ry Elizabeth Horgan (A), . . . . .	Worcester.
Mrs. John J. Brennan, Worcester.	
ry Eliza Jenks (A), . . . . .	Spencer.
Mrs. George S. Boutelle, Worcester.	
lia Ardelle Mann (A), . . . . .	Blackstone.
win Scott Matthews, B S., . . . . .	Worcester.
Boston.	

NAMES.	RESIDENCES.
Grace Emily Pearl (A), . . . . .	Southborough.
Mrs. Albert C. Brown, Fitchburg. Died in Fitchburg, Feb. 20, 1891.	
Ada Dora Saunders (A), . . . . .	Worcester.
Mrs. John W. Dodd, Worcester.	
Jennie Melenda Sprout, . . . . .	Worcester.
Died in Worcester, Feb. 24, 1886.	
Anna Daniels Stowell (A) (Secretary), . . . . .	Worcester.
Mrs. George H. Johnson, Worcester.	
Mary Florence Stratton (A), . . . . .	Millbury.
Mrs. Walter N. Walling, Auburndale.	

## TWELFTH CLASS, JANUARY, 1883.

Martha Dowse Adams (A), . . . . .	Worcester.
Boston.	
Harriet Annie Colton, . . . . .	Oxford.
Mrs. Frederick A. Wellington, Webster.	
Mary Ellen Convery (A), . . . . .	Worcester.
Hannah Mary Kickham (A), . . . . .	Worcester.
Mary Catherina Morrissey (A), . . . . .	Worcester.
Mabel Piper (A), . . . . .	Worcester.
Mrs. Orestes T. Doe, Franklin.	
Anna Theresa Smith (A), . . . . .	Worcester.
Mary Cella Smith (A) (Secretary), . . . . .	Worcester.
Etta Melissa Thayer (A), . . . . .	Worcester.
Died in Worcester, Jan. 14, 1894.	
Etta Theresa Whalen (A), . . . . .	Worcester.

## THIRTEENTH CLASS, JUNE, 1883.

Ada Bartlett Braman, . . . . .	Worcester.
Mrs. Charles L. Tower, Roxbury.	
Minnie Anna Burgess Chase, . . . . .	Worcester.
Mrs. Frank E. Whitehouse, Worcester.	
Louise Frances Clark (A), . . . . .	Paxton.
Mrs. William F. Brown, Roxbury.	
Mary Louise Gafney (A), . . . . .	Worcester.
Alphonsine Talon L'Esperance (A), . . . . .	Worcester.
Died in St. Hyacinthe, Que., Jan. 1, 1887.	
Mary Frye Lewis, . . . . .	Willimantic, Conn.
Mrs. Edward E. Johnson, Chicago, Ill.	
Mary Agnes McGillicuddy, . . . . .	Worcester.
Mary Alice Marshall, . . . . .	Still River.
Manchester, N. H.	
Jessie Moore Nichols, . . . . .	Auburn.
Worcester.	
Jennie Mitchell Perrin, . . . . .	Westborough.
Mrs. Frederick A. Richardson, Worcester.	

IES.	RESIDENCES.
ine Phelps, . . . . .	Worcester.
nia Rolston (A) (Secretary), . . . . .	Worcester.
ula L. Balch, Patterson, N. J.	
ibeth Sanderson (A), . . . . .	Worcester.
dney H. Elliott, Worcester.	
de Smith (A), . . . . .	Quinsigamond.
Stewart (A), . . . . .	Worcester.
ine Taft (A), . . . . .	Worcester.
ork City.	
e Urban, . . . . .	South Westminster.
arles N. Chapin, Worcester.	
ard Vaughan (A), . . . . .	Worcester.
a White, . . . . .	Boylston Centre.
aniel Lynch, Waverly.	
good Whitney, . . . . .	Worcester.
ederick W. Blackmer, Worcester.	
ter Williams (A), . . . . .	Gardiner, Me.
arles S. J. Ruggles, Gardner.	

## FOURTEENTH CLASS, JANUARY, 1884.

Blenus (A), . . . . .	Worcester.
Millbury, Feb. 6, 1887.	
r Casey, . . . . .	Worcester.
de Daley (A), . . . . .	Worcester.
a Gauren (A), . . . . .	Worcester.
: Gilbert, . . . . .	Worcester.
orge Day, Providence, R. I.	
lla Hay (Secretary), . . . . .	Worcester.
l Lynch, . . . . .	Worcester.
Robbins (A), . . . . .	Rochester, N. Y.
enry W. Sykes, Pittsfield.	

## FIFTEENTH CLASS, JUNE, 1884.

d Bosworth (A) (Secretary), . . . . .	Worcester.
Davis (A), . . . . .	Worcester.
s Fallon, . . . . .	Worcester.
mes F. Guerin, Worcester.	
ancis Hagan, . . . . .	Worcester.
. . . . .	East Templeton.
bert D. Felch, Sunapee, N. H.	
King, . . . . .	Middleville, N. Y.
ank H. Buxton, Leicester.	
Leonard (A), . . . . .	Worcester.
ing E. Comins, Worcester.	
n (A), . . . . .	Leominster.
hn Alfred Johnson, Chicago, Ill.	

NAMES.	RESIDENCES.
Anna Gertrude Melanefy (A), Died in Worcester, Nov. 30, 1885.	Worcester.
Annie Ward Newell (A),	Millbury.
Helena Bridget O'Keefe, Providence, R. I.	Worcester.
Edith Marietta Rolston (A),	Worcester.
Mary Lucy Seavey (A),	Worcester.
Alice Alberta Tatman (A), Mrs. Arthur E. Hayer, Worcester.	Quinsigamond.
Elizabeth Pickering Thompson, Mrs. Albert DeMerritt, Durham, N. H.	Durham, N. H.
Katy Adaline Wilder, Mrs. R. Lincoln Chandler, Worcester.	Sterling.

## SIXTEENTH CLASS, JANUARY, 1885.

Katharine Blanche Adams, Mrs. Lester T. Crook, Worcester.	Worcester.
Mary Louise Burroughs, Mrs. William A. Perkins, Lynn.	Boxborough.
Minnie Jennie Condy (A), Mrs. Charles F. Pharaoh, Worcester.	Worcester.
Emma Florence Davis, Mrs. George E. Stone, Shrewsbury.	Shrewsbury.
Cora Belle Drew,	Burlington, Vt.
Anna Gertrude Foley (A),	Worcester.
Julia Elizabeth Green (A),	Worcester.
Lucy Maria Green (A) (Secretary).	Worcester.
Catharine Aloysia Hackett (A), Boston.	Worcester.
Annie Maria Ham (A),	Worcester.
Carrie Adaline Hildreth (A),	Worcester.
Mary Anne McBride (A),	Worcester.
Ellen Gertrude McGillicudy (A), Mrs. Michael J. Halloran, Worcester. Died in Worcester, June 3, 1892.	Worcester.
Mary Agnes Morrissey (A),	Worcester.
Delia Isabel Newbury (A), Mrs. Willis E. Knowlton, Shrewsbury.	Worcester.
Carrie Louise Paige (A), Mrs. Edward S. Frary, Charlemont.	Hardwick.
Ida May Parsons (A),	Holden.
Frances May Prentice (A), Mrs. Fred. S. Dearborn, Worcester.	Westborough.
Hannah Sheehan (A),	Whitinsville.
Mary Elizabeth Talbot Tandy, Mrs. William T. Parsons, Holden.	Athol.

NAMES.	RESIDENCES.
ria Wells (A), . . . . .	Deerfield.
rs. H. Clifford Hawks, Auburndale. Died in Auburndale, April 17, 1894.	
Betsy Williams (A), . . . . .	Paxton.
rs. George E. Stimson, Rochdale.	

## SEVENTEENTH CLASS, JUNE, 1885.

rence Buxton, . . . . .	Worcester.
rs. Adam J. Elmermann, Milwaukee, Wis.	
igusta Cooley (A), . . . . .	Worcester.
rs. Edward Lawton, Ayer.	
olbrook Dana (A), . . . . .	West Boylston.
rs. William F. Masters, Hebbardaville, Ohio.	
Alberta Davis, . . . . .	Worcester.
Elizabeth Dodd (A), . . . . .	Paxton.
oank, Conn.	
ophia Gaskill (A), . . . . .	Mendon.
ane Goddard (A), . . . . .	Grafton.
eliza Hayward, . . . . .	Ashby.
in West Kinney (A) (Secretary), . . . . .	Worcester.
Hudson Lakin (A), . . . . .	Paxton.
rs. Charles H. Dodd, Worcester.	
era Mason, . . . . .	Worcester.
ied in Worcester, May 5, 1890.	
osephine O'Gorman (A), . . . . .	Worcester.
felinda Sweetzer (A) . . . . .	Worcester.
e Mabel Waite (A), . . . . .	Pittsfield.

## EIGHTEENTH CLASS, JANUARY, 1886.

icina Bainbridge (A), . . . . .	Worcester.
osilla Barton (A), . . . . .	Upton.
ebecca Everett (A) (Secretary), . . . . .	Worcester.
lay Harding (A), . . . . .	Worcester.
yman Hay (A), . . . . .	Worcester.
rancene Monroe (A), . . . . .	Rutland.
rs. Benjamin W. Kinney, Worcester.	
nes Quinn (A), . . . . .	Worcester.
t Scott (A), . . . . .	Burlington, Vt.
ertrude Thompson (A), . . . . .	Worcester.
lona Thompson (A), . . . . .	Worcester.

## NINETEENTH CLASS, JUNE, 1886.

ne Ball (A), . . . . .	Grafton.
orcester.	
aylor Banlster, . . . . .	Worcester.
urwood Bemis, . . . . .	Spencer.
eker DeCamp (A), . . . . .	Worcester.
rs. Sanford D. Leland, Holyoke.	



NAMES.	RESIDENCES.
Mary Jennie Hart (A), . . . . .	Worcester.
Susan Rhoda Hartwell (A), . . . . .	Oxford.
Thomas Joseph Higgins (A) (Secretary), . . . . .	Worcester.
Mary Alice Johnson, . . . . .	Westborough.
Mrs. George M. Howe, North Brookfield.	
Mary Elizabeth Joyce (A), . . . . .	Worcester.
Carrie Lauretta Maynard (A), . . . . .	Worcester.
Susan Augusta Peirce (A), . . . . .	West Boylston.
Died in West Boylston, April 27, 1888.	
Abby Louise Penniman (A), . . . . .	Worcester.
Hattie May Ruggles (A), . . . . .	Worcester.
Annie Elizabeth Tucker (A), . . . . .	Chelsea.
Melrose.	
Ella Maria Whitney, . . . . .	Upton.
Mrs. Allan D. Risteen, Hartford, Conn.	
Carrie Howard Wilmarth (A), . . . . .	Worcester.
Mrs. William E. Drake, Kingston, R. I.	

## TWENTIETH CLASS, JANUARY, 1887

Harriet Louise Brewster (A), . . . . .	Westborough.
Holyoke.	
May Elsie Chapin, . . . . .	Worcester.
Caroline Gertrude Cooke (A), . . . . .	Worcester.
Sarah Leighton Dinsmore, . . . . .	Lowell.
Sarah Elizabeth Earley (A), . . . . .	Spencer.
Carrie Lincoln Fletcher (A), . . . . .	Worcester.
Marion Holbrook (A), . . . . .	Worcester.
Florence Holman (A), . . . . .	West Millbury.
Warren.	
Marietta Knight, . . . . .	Worcester.
Elizabeth McFarland, . . . . .	Sutton.
Died in Sutton, Jan. 7, 1891.	
Hattie Louise Partridge (A), . . . . .	Worcester.
Cora Deborah Elizabeth Robinson (A), . . . . .	Worcester.
Lillian Ainsworth Smith (A), . . . . .	Dudley.
Chelsea.	
Florence Sherman Waite (A) (Secretary), . . . . .	Worcester.
Mrs. G. Arthur Smith, Worcester.	
Lizzie Helen Wallis (A), . . . . .	North Oxford.
Margaret Louisa Walsh (A), . . . . .	Worcester.
Henrietta Maria Wright (A), . . . . .	East Templeton.

## TWENTY-FIRST CLASS, JUNE, 1887.

Olive Minerva Barnes (A), . . . . .	Worcester.
Mrs. William C. Temple, Rutland.	
Alice Harriette Belding, . . . . .	Worcester.

NAMES.	RESIDENCES.
Josephine Butterfield (A),	Worcester.
Louise Clarke (A),	Worcester.
Swain Colburn,	Shirley Village.
St. Joseph, Mo.	
Burgess Collier (A),	Worcester.
Line Pauline Convery (A),	Worcester.
ret Mary Hanley (A),	Worcester.
Maria Harthan (A),	Worcester.
Maria Healy (A),	Worcester.
Gertrude Jerome (A),	Worcester.
Emma Kemp (A),	Worcester.
Curtis Knight (A),	Worcester.
Martha McCormick,	Spencer.
Mrs. Albert B. Prouty, Spencer.	
Lucy Murphy (A),	Worcester.
Fane Newton (A),	Greenfield.
Mrs. Charles H. Perry, Worcester.	
Loretta O'Hara (A),	Worcester.
Reed Poland (A) (Secretary),	Worcester.
Feresa Power (A),	Worcester.
Frances Proctor (A),	Spencer.
Caroline Rogers (A),	Worcester.
Imogene Smith (A),	Florence.
Adelia Stockdale (A),	Worcester.
May Taylor (A),	Bolton.
Mrs. Oliver A. Everett, Bolton.	
Caroline Yeaton (A),	Worcester.

## TWENTY-SECOND CLASS, JANUARY, 1888.

Ambrose Casey (A),	Worcester.
ret Ann Connolly (A),	Worcester.
Milwaukee, Wis.	
Dawley (A),	Plainfield, Conn.
Died in Plainfield, Conn., Sept. 4, 1888.	
Line Teresa Donnelly (A),	Worcester.
Elizabeth Fales (A),	Westborough.
Eds Gleason,	West Brookfield.
West Groton.	
Leland (A),	Upton.
Jackin (A),	Worcester.
Died in Worcester, Aug. 17, 1889.	
Richards Brewer Macomber (A),	Worcester.
Mrs. Frank E. Elwell, Rockport.	
Maria Marsh,	Leicester.
Mrs. Loriston K. Amsden, Athol.	
Gertrude Overend (A) (Secretary),	Worcester.

NAMES.	RESIDENCES.
Cora Almira Palge (A), . . . . .	Worcester.
Mrs. Andrew O'Connor, Worcester.	
Dora Alvira Paige (A), . . . . .	Worcester.
Mrs. Arthur C. Adams, West Brookfield.	
Julia Winifred Smith (A), . . . . .	Quinsigamond.
Minnie Belle Stearns (A), . . . . .	North Leominster
Mrs. George P. Taylor, Springfield.	

## TWENTY-THIRD CLASS, JUNE, 1888.

Mary Agnes Cunningham (A), . . . . .	Worcester.
Amelia Louisa Diemar (A), . . . . .	Worcester.
Minnie Isabel Gage (A), . . . . .	Worcester.
Henry Dwight Hunt, . . . . .	Columbia, Conn.
Anna Miriam Johnson (A), . . . . .	Worcester.
Edith Genevieve Loring, . . . . .	Westborough.
Mrs. Richard H. Mooney, Worcester.	
Jeannette Morrill (A), . . . . .	Benton, N. H.
Gertrude Emma Nash (A), . . . . .	Worcester.
Mary Alice O'Gready (A), . . . . .	Worcester.
Annie Brown Porter (A), . . . . .	Manchester, N. H.
Died in Manchester, N. H., Sept. 16, 1891.	
Mary Agnes Quinn (A), . . . . .	Worcester.
Flora Addie Strong, . . . . .	Starkshorough, Vt.
Margaret Gertrude Sullivan (A), . . . . .	Worcester.
Mary Louise Taylor (A) (Secretary), . . . . .	Worcester.
Helen Frances Walker, . . . . .	Worcester.

## TWENTY-FOURTH CLASS, JANUARY, 1889.

Martha Jennie Alton (A), . . . . .	Worcester.
Mrs. Walter L. Brown, Worcester.	
Harriet Amelia Blood (A), . . . . .	Worcester.
Carrie Maria Bunce (A), . . . . .	Worcester.
Anna Loretta Callahan, . . . . .	Barre.
Harriet Washburn Cook (A), . . . . .	Worcester.
Mrs. Willis E. Putnam, Worcester.	
Jennie Maria Fairbanks, . . . . .	Holden.
Ellen Estelle Fitzgerald (A), . . . . .	Worcester.
Cecilia Theresa Kelley (A), . . . . .	Worcester.
Sarah Ann McCormick (A), . . . . .	Worcester.
Ellen Agnes McTiernan (A), . . . . .	Worcester.
Alice Elizabeth Marsh, . . . . .	Leicester.
Mrs. Fred. Libby, Leicester.	
Katherine Mathews (A), . . . . .	Westborough.
Grace Lamson Newton (A), . . . . .	Oakdale.
Ellen Agnes O'Neil (A), . . . . .	Worcester.

NAME.	RESIDENCE.
Elizabeth Patten, . . . . .	Danby, Vt.
Ischrater.	
Essy Plumer (A). . . . .	Maxwell, Neb.
Helene Remington (A). . . . .	Worcester.
Elizabeth Rollison (A). . . . .	Worcester.
Swell (A) (Secretary). . . . .	Worcester.
Edna Agnes Short (A). . . . .	Worcester.
Edith Smith (A). . . . .	Worcester.
Rev. Melville D. Frost, Somerville.	
Edith. . . . .	Mendon.
Altham.	
Edith Rosalie Todd (A). . . . .	Worcester.
Frances Yeaton (A). . . . .	Worcester.

## TWENTY-FIFTH CLASS, JUNE, 1889.

Elizabeth Andrews (A). . . . .	West Boylston.
Alford Bishop (A). . . . .	Worcester.
Edith Carey (A). . . . .	Worcester.
Elizabeth Chapin (A). . . . .	Worcester.
Edith Corbin, . . . . .	W. Woodstock, Conn.
Edith Gilbert (A). . . . .	Worcester.
Rev. Leon O. Woodcock, Worcester.	
Edith Grout (A). . . . .	Spencer.
Edith Hill (A). . . . .	Hudson.
Frances Sawtelle, . . . . .	Worcester.
Rev. Arthur D. Putnam, Worcester.	
Edith Starkey (A) (Secretary), . . . . .	Worcester.
Edith Benson (A). . . . .	Worcester.
Edith Wood Walker (A). . . . .	Worcester.
Edith Frances Walker (A). . . . .	Worcester.
Rev. Benjamin Whitmore, Jr., Worcester.	
Edith Raymond Walker (A). . . . .	Worcester.
Ever, Col.	
Edith Wheeler (A). . . . .	Worcester.
Edith Windle, . . . . .	Oxford.

## TWENTY-SIXTH CLASS, JANUARY, 1890.

Edith Bosworth (A). . . . .	Worcester.
Rev. Herbert A. Warren, St. Albans, Vt.	
Eugene Buxton, . . . . .	Ashford, Conn.
Edith Downing Chamberlain (A). . . . .	Worcester.
Edith Malbone Dodge (A). . . . .	Worcester.
Edith Draper (A) (Secretary), . . . . .	Worcester.
Edith Eames (A). . . . .	Worcester.
Rev. Frank R. S. Bond, Worcester.	
Edith Christine Finn (A). . . . .	Worcester.

NAMES.	RESIDENCES.
Mary Agnes Flynn (A), . . . . .	Worcester.
Costella Gertrude Gale (A), . . . . .	Guilford, Vt.
Margaret Jane Gartland (A), . . . . .	Worcester.
Died in Worcester, Jan. 19, 1894.	
Mary Gertrude Geary (A), . . . . .	Worcester.
Mary Catherine Henry (A), . . . . .	Worcester.
Anna May Hewett (A), . . . . .	Worcester.
Mrs. George T. Patterson, Springfield	
Lena May Hurlbut (A), . . . . .	Richford, Vt.
Harriet Howe Maynard, . . . . .	Townsend.
Annie York Milliken (A), . . . . .	Worcester.
Anna Grace Moore (A), . . . . .	Worcester.
Amy Murray (A), . . . . .	Worcester.
Rupert Henry Murray, . . . . .	Worcester.
Kate Evans Parker (A), . . . . .	Worcester.
Minnie Partridge, . . . . .	Medway.
Jeannette Witherby Scruton (A), . . . . .	Canton, N. Y.
Ella Louise Smith (A), . . . . .	Worcester.
Annie Lillian Sullivan (A), . . . . .	Worcester.
Mary Eleanor Whitty (A), . . . . .	Fitchburg.
Mary Emma Williams, . . . . .	Webster.
Mrs. Charles A. Durfee, Choptunist, R. I.	

## TWENTY-SEVENTH CLASS, JUNE, 1890.

Amy Maria Aldrich (A), . . . . .	Westborough.
Emma Susie Barrett (A), . . . . .	Worcester.
Mattie Josephine Black (A), . . . . .	Worcester.
Emma Jane Cooper, . . . . .	Worcester.
Manchester, N. H.	
Anna Gertrude Cullen (A), . . . . .	Worcester.
Maud Elizabeth Davis (A), . . . . .	Holden.
Hartford, Conn.	
Kathline Elizabeth Dwyer (A), . . . . .	Worcester.
Mrs. John J. Carr, Worcester. Died in Worcester, July 27, 1893.	
Harriet Almira Greene (A), . . . . .	Wrentham.
Luta Belle Lincoln (A) (Secretary), . . . . .	Worcester.
Charlotte McFarland (A), . . . . .	Worcester.
Annie Teresa McGrath (A), . . . . .	Worcester.
Mary Catherine O'Connor (A), . . . . .	Worcester.
Mary Helen Rogers (A), . . . . .	Holden.
Sarah Agnes Russell (A), . . . . .	Amherst.
Florence Louise Sengrave (A), . . . . .	Uxbridge.
Edith Maria Studley (A), . . . . .	Worcester.
Nellie Dascombe Temple (A), . . . . .	Gardner.
Mrs. Frank B. Edgell, Gardner.	
Florence Helen Towne (A), . . . . .	Mendon.

## TWENTY-EIGHTH CLASS, JANUARY, 1891.

NAMES.	RESIDENCES.
ta Maria Ager (A), . . . . .	Worcester.
fra. John H. Orr, Worcester.	
Maria Blanchard, . . . . .	Harvard.
Frances Brennan (A), . . . . .	Worcester.
linetta Brown (A) (Secretary), . . . . .	Worcester.
Jane Gibson (A), . . . . .	South Boston.
Worcester.	
alice Hopwood (A), . . . . .	Worcester.
Maud Joy (A), . . . . .	Manchester, N. H.
Brighton.	
Maria King (A), . . . . .	Worcester.
elena Mahan (A), . . . . .	Worcester.
McMahon (A), . . . . .	Worcester.
rown Porter (A), . . . . .	Louisville, Ky.
ane Wattle (A), . . . . .	Worcester.
ertrude Whitcomb, . . . . .	Worcester.

## TWENTY-NINTH CLASS, JUNE, 1891.

ulise Brown, . . . . .	Worcester.
th Amanda Rice Daniels, . . . . .	Greenfield.
few York, N. Y.	
Frances Dexter (A), . . . . .	Franconia, N. H.
ertrude Donovan (A), . . . . .	Worcester.
Veronica Dowd (A), . . . . .	Worcester.
Alice Gardner (A), . . . . .	Worcester.
Gertrude Garvey (A), . . . . .	Worcester.
Howard Goodale (A), . . . . .	Leominster.
Theresa Healey (A), . . . . .	Whitinsville.
gnatia Healy (A), . . . . .	Worcester.
se Louise Johnson (A), . . . . .	Worcester.
Mary Larkin, . . . . .	Worcester.
ne Maria McHugh (A), . . . . .	Worcester.
a McNulty (A) (Secretary), . . . . .	Worcester.
Dora Morrison, . . . . .	Worcester.
ana May O'Connor (A), . . . . .	Worcester.
Louise Osborn (A), . . . . .	Worcester.
fra. Lyman H. Morse, Worcester.	
Platt (A), . . . . .	Newfane, Vt.
Montevideo, Minn.	
Elizabeth Ridler (A), . . . . .	Worcester.
Maria Stone (A), . . . . .	Auburn.
Thurston, . . . . .	Worcester.
r Cornelia Torrey, . . . . .	East Dorset, Vt.

NAMES.	RESIDENCES.
Mary Reed Townsend (A), Lancaster.	Lexington.
Eva Leolan Truscott (A),	Worcester.
Catherine Rachel Wheatley (A),	Worcester.
Grace Woodbury,	Oxford.

## THIRTIETH CLASS, JANUARY, 1892.

Sarah Emma Barrett (A), Tyngsborough.	Barre.
Addie May Blanchard (A), New York, N. Y.	Uxbridge.
Mabel Rice Brooks (A),	Ashby.
Elizabeth Loretta Carmody (A),	Worcester.
Anna Pauline Cummings (A) (Secretary),	Worcester.
Rose Gertrude Doherty (A),	Worcester.
Annie Edith Goldthwait (A),	Uxbridge.
Alice Christina Heaphy (A),	Worcester.
Julla Annie Hill (A), Wellesley.	Charlestown.
Mary Leathers (A),	Barre.
Louisa Christina Lof (A),	Worcester.
Effie Rilla Putnam,	West Sutton.
Katherine Sayle (A),	Worcester.
Mary Grace Stalker (A),	Worcester.
Sarah Carr Wilder,	Spencer.
Lura Augusta Wiley (A),	Hardwick.

## THIRTY-FIRST CLASS, JUNE, 1892.

Lena Roxanna Adams (A),	North Brookfield.
Serena Belle Adams (A),	Stockbridge.
Nina Frances Blanchard (A),	Worcester.
Mary Frances Crane (A),	Worcester.
Margaret Loretta Cunningham (A),	Worcester.
Mary Ursula Day (A),	Worcester.
Effie Blanche Draper (A) (Secretary),	Worcester.
Emma Elizabeth Greene (A),	Worcester.
Elizabeth Anna Hagerty (A),	Worcester.
Mary Abbott Holt, Everett.	Norway, Me.
Ella LeBeau (A),	Fall River.
Anna Maria Littlefield (A),	Worcester.
Cora Lillis Morse (A),	Worcester.
Abigail Frary Newton (A),	Greenfield.
Edith Gertrude Newton, Duluth, Minn.	Westminster.

NAMES.	RESIDENCES.
Louise Nield (A), . . . . .	Millbury.
Le Parker (A), . . . . .	Worcester.
Verly Pellet (A), . . . . .	Worcester.
ices Phelon, . . . . .	Worcester.
Stevens, . . . . .	Worcester.

## THIRTY-SECOND CLASS, JANUARY, 1893.

on Backus (A), . . . . .	Chaplin, Conn.
aria Bray (A), . . . . .	Boylston.
abeth Clancy (A), . . . . .	Worcester.
erine Clarke (A), . . . . .	Worcester.
Lane Cota (A), . . . . .	New Braintree.
ise Day (A), . . . . .	Worcester.
y Day (A) (Secretary), . . . . .	Worcester.
ria Devlin (A), . . . . .	Worcester.
Agnes Donnelly (A), . . . . .	Worcester.
ances Fagan (A), . . . . .	Webster.
a Haas (A), . . . . .	Shrewsbury.
se Hardy (A), . . . . .	Worcester.
y Hickey (A), . . . . .	Worcester.
Hildreth, . . . . .	Worcester.
a Hopwood (A), . . . . .	Worcester.
Keenan (A), . . . . .	Stoneham.
es Maroney (A), . . . . .	Worcester.
sa McGillicuddy (A), . . . . .	Worcester.
Louise McQuaid (A), . . . . .	Worcester.
eline Peck (A), . . . . .	Rowe.
Regan (A), . . . . .	Gardner.
Blanche Toole (A), . . . . .	Worcester.

## THIRTY-THIRD CLASS, JUNE, 1893.

Theresa Brown (A), . . . . .	Millbury.
hronia Clapp, . . . . .	Worcester.
ibeth Cody (A), . . . . .	Worcester.
ibeth Conlon (A), . . . . .	Worcester.
ertrude Diggins (A), . . . . .	Worcester.
ora Geer (A) (Secretary), . . . . .	Worcester.
ilda Harrington (A), . . . . .	Paxton.
nor Higgins (A), . . . . .	Worcester.
ephine Hopkins (A), . . . . .	Worcester.
es Hutchins (A), . . . . .	Templeton.
Loring (A), . . . . .	Westborough.
gs Sawin (A), . . . . .	Athol.
ichultz (A), . . . . .	Worcester.
se Scott (A), . . . . .	Worcester.
ie Whitman (A), . . . . .	Marlborough.



## THIRTY-FOURTH CLASS, JANUARY, 1894.

NAMES.	RESIDENCES.
Sophia Elizabeth Belcher (A), . . . . .	Worcester.
Genevieve Bernardine Convery (A), . . . . .	Worcester.
Cornelia Vinson Davis (A), . . . . .	Worcester.
Katherine Gertrude Doon (A), . . . . .	Worcester.
Minnie Louisa Fish (A), . . . . .	Worcester.
Harriet Adelaide Foley (A), . . . . .	Worcester.
Edith Elizabeth Gunn (A), . . . . .	Northbridge.
Della Madge Hale (A), . . . . .	Grafton.
Olive Isabel Harris (A), . . . . .	Worcester.
Myrtis Isabel Kirby (A), . . . . .	Paxton.
Marietta Matthews (A) (Secretary), . . . . .	Worcester.
Anna Maria McPartland (A), . . . . .	Leicester.
Anne Gertrude Murphy (A), . . . . .	Worcester.
Mary Ellen Camilla O'Connell (A), . . . . .	Worcester.
Eliza Gallup Rawson (A), . . . . .	Worcester.
Louise Amanda Scott (A), . . . . .	Worcester.
Ella Jane Thayer, . . . . .	Worcester.
Sarah Ella Wilson (A), . . . . .	Worcester.
Ethel Maria Woods (A), . . . . .	Worcester.

## SPECIAL STUDENTS

WHO HAVE RECEIVED CERTIFICATES OF PROFICIENCY.

## 1881.

Francis Patrick McKeon, A.M.  
Richard Henry Mooney, A.M.

## 1882.

Thomas William Butler.  
Owen Henry Conlin, A.B.  
Peter Andrew Conlin, A.B.  
Edward Aloysius Quinlan, A.B.

## 1883.

Arthur Hay, A.B.

## 1886.

William Francis Carmody, A.B.

## 1890.

Joseph Edward Underwood, A.B.

## 1893.

Lucy Adelaide Pratt, A.B.

**SUMMARY OF NUMBERS.**

Number in the First Class, . . . . .	10
Number in the Second Class, . . . . .	17
Number in the Third Class, . . . . .	27
Number in the Fourth Class, . . . . .	14
Number in the Fifth Class, . . . . .	10
Number in the Sixth Class, . . . . .	12
Number in the Seventh Class, . . . . .	14
Number in the Eighth Class, . . . . .	20
Number in the Ninth Class, . . . . .	16
Number in the Tenth Class, . . . . .	17
Number in the Eleventh Class, . . . . .	14
Number in the Twelfth Class, . . . . .	10
Number in the Thirteenth Class, . . . . .	21
Number in the Fourteenth Class, . . . . .	8
Number in the Fifteenth Class, . . . . .	16
Number in the Sixteenth Class, . . . . .	22
Number in the Seventeenth Class, . . . . .	14
Number in the Eighteenth Class, . . . . .	10
Number in the Nineteenth Class, . . . . .	16
Number in the Twentieth Class, . . . . .	17
Number in the Twenty-first Class, . . . . .	25
Number in the Twenty-second Class, . . . . .	15
Number in the Twenty-third Class, . . . . .	15
Number in the Twenty-fourth Class, . . . . .	24
Number in the Twenty-fifth Class, . . . . .	16
Number in the Twenty-sixth Class, . . . . .	26
Number in the Twenty-seventh Class, . . . . .	18
Number in the Twenty-eighth Class, . . . . .	13
Number in the Twenty-ninth Class, . . . . .	26
Number in the Thirtieth Class, . . . . .	16
Number in the Thirty-first Class, . . . . .	20
Number in the Thirty-second Class, . . . . .	22
Number in the Thirty-third Class, . . . . .	15
Number in the Thirty-fourth Class, . . . . .	19
Total number of graduates, . . . . .	575
Number of certificated students, . . . . .	10

## GIFTS OF THE GRADUATING CLASSES.

These all form a part of the decoration of the main hall or school-room.

FIRST CLASS, . . . . .	Apollo. (Bust.)
SECOND CLASS, . . . . .	Angel-Boys from Raphael's "Sistine Madonna." (Photograph.)
THIRD CLASS, . . . . .	Guldo's "Aurora." (Photograph.)
FOURTH CLASS, . . . . .	Colosseum at Rome. (Photograph.)
FIFTH CLASS, . . . . .	Julius Cæsar. (Bust.)
SIXTH CLASS, . . . . .	John Locke. (Bust.)
SEVENTH CLASS, . . . . .	Pestalozzi. (Bust.)
EIGHTH CLASS, . . . . .	Ralph Waldo Emerson. (French's Bust.)
NINTH CLASS, . . . . .	"An Old Monarch," by Rosa Bonheur. (Engraving.)
TENTH CLASS, . . . . .	Pyramids and Sphinx. (Photograph.)
ELEVENTH CLASS, . . . . .	Titian's "Flora." (Photograph.)
TWELFTH CLASS, . . . . .	Michel Angelo's "Three Fates." (Photograph.)
THIRTEENTH CLASS, . . . . .	Lincoln. (Volk's Bust.)
FOURTEENTH CLASS, . . . . .	Webster. (Photograph by Hawes.)
FIFTEENTH CLASS, . . . . .	Millet's "Spinner." Etching.
SIXTEENTH CLASS, . . . . .	Franklin. (Houdon's Bust.)
SEVENTEENTH CLASS, . . . . .	The Matterhorn. (Photograph)
EIGHTEENTH CLASS, . . . . .	The Chandos Portrait of Shakespear. (Flameng's Etching.)
NINETEENTH CLASS, . . . . .	Sappho (so called), from Herculaneum. (Bust.)
TWENTIEFH CLASS, . . . . .	Tiger. (Photograph from life.)
TWENTY-FIRST CLASS, . . . . .	Part of Parthenon Frieze. (Plaster cast.)



NINETEENTH ANNIVERSARY

OF THE

MASSACHUSETTS

TATE NORMAL SCHOOL

AT WORCESTER.

PROGRAMME.

*THURSDAY, JUNE 22, 1893.*



## FORENOON.

BEGINNING AT HALF-PAST NINE O'CLOCK.

SINGING, — "God ever Glorious."

## READING OF THE THESES.

## THIRTY-SECOND CLASS, JANUARY, 1893.

- \*GRACE LYON BACKUS (A), . . . . . Chaplin, Conn.  
 IS THE CHILD A SAVAGE?
- \*LOUISE MARIA BRAY (A), . . . . . Boylston.  
 CHILDREN'S TEARS.
- \*ANNIE ELIZABETH CLANCY (A), . . . . . Worcester.  
 THE STUDY OF CHILDREN IN CALIFORNIA.
- MARY CATHERINE CLARKE (A), . . . . . Worcester.  
 SELF-GOVERNMENT AS I SAW IT IN A CITY SCHOOL.
- FLORENCE LANE COTA (A), . . . . . New Braintree.  
 IMITATION IN CHILDREN.
- \*ALICE LOUISE DAY (A), . . . . . Worcester.  
 HISTORIC ORNAMENT.
- ALICE MARY DAY (A), . . . . . Worcester.  
 KEEPING AFTER SCHOOL.
- ELLEN MARIA DEVLIN (A), . . . . . Worcester.  
 TREATMENT OF CHILDREN BY ADULTS.
- MARGARET AGNES DONNELLY (A), . . . . . Worcester.  
 TEMPER AS MANIFESTED BY CHILDREN.
- EMILY FRANCES FAGAN (A), . . . . . Webster.  
 THE PRACTICAL VALUE OF ARITHMETIC.
- MARY JULIA HAAS (A), . . . . . Shrewsbury.  
 MORAL EDUCATION OF CHILDREN.
- \*MARY ELOISE HARDY (A), . . . . . Worcester.  
 WHAT CONSTITUTES AN EXCEPTIONAL CHILD?
- \*ANNA TRACY HICKEY (A), . . . . . Worcester.  
 "A STUDY OF CHILD NATURE."

NOTE. — Not all the essays can be read in the time allotted to the exercises. The names of the readers are indicated by a star.

N. B. — Graduates whose names are marked with (A) have, besides passing through the regular course of study, served for a half-year as apprentices in the public schools of the city of Worcester.

ALICE JANE HILDRETH,	Worcester.
POLITENESS TO CHILDREN.	
EMMA ADA HOPWOOD (A),	Worcester.
SCHOOL MUSEUMS.	
*ROSE EVA KEENAN (A),	Stoneham.
MY APPRENTICESHIP.	
*MARY AGNES MARONEY (A),	Worcester.
PERSONALITY OF THE TEACHER.	
ELLEN TERESA MCGILICUDDY (A),	Worcester.
CHILDREN'S MYTHS.	
KATHARINE LOUISE MCQUAID (A),	Worcester.
OUR "CHILDREN'S CLASS."	
*MARTHA EVELINE PECK (A),	Rowe.
MY EXPERIENCE WITH CHILDREN.	
CATHERINE REGAN (A),	Gardner.
PRACTICAL LESSONS FROM PSYCHOLOGY.	
*MARGARET BLANCHE TOOLE (A),	Worcester.
A CHILD'S VOCABULARY.	

RECESS, — FIVE MINUTES.

SINGING, — "Swing Song," . . . . . *Franz Abt.*

THIRTY-THIRD CLASS, JUNE, 1893.

MARGARET THERESA BROWN (A),	Millbury.
USE OF FABLES IN EDUCATION.	
JESSIE SOPHRONIA CLAPP,	Worcester.
DR. J. M. RICH'S CRITICISM OF OUR PUBLIC SCHOOLS.	
MARY ELIZABETH CODY (A),	Worcester.
CHILDREN'S PLAYS.	
*ANNA ELIZABETH CONLON (A),	Worcester.
VERTICAL SCRIPT.	
ISABELLA GERTRUDE DIGGINS (A),	Worcester.
A SCHOOL MUSEUM.	
*GRACE LENORA GEER (A),	Worcester.
NATURE STUDY IN THIS SCHOOL.	
ANNIE MATILDA HARRINGTON (A),	Paxton.
WHY TEACHING IS ONE OF THE BEST WAYS OF LEARNING.	
MARY ELEANOR HIGGINS (A),	Worcester.
INCIDENTAL EXPERIENCE IN TEACHING A DISTRICT SCHOOL.	
*BERTHA JOSEPHINE HOPKINS (A),	Worcester.
THE MUSCULAR SENSE.	
*GRACE AGNES HUTCHINS (A),	Templeton.
SOME BEARINGS OF THE STUDY OF CHILDREN ON OBJECT TEACHING.	
*MARY ALICE LORING (A),	Westborough.
THE KINDERGARTEN IN THE PUBLIC SCHOOLS.	

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\*GRACE BANGS SAWIN (A), . . . . . Athol.

## THE DOLL.

MARY IDA SCHULTZ (A), . . . . . Worcester.

## ATTITUDE OF ADULTS TOWARDS CHILDREN.

MARY LOUISE SCOTT (A), . . . . . Worcester.

## SHAME AS A PUNISHMENT.

\*INA ADELAIDE WHITMAN (A), . . . . . Marlborough.

## THINGS A CHILD THINKS GOOD TO EAT.

---

SPECIAL STUDENT.

LUCY ADELAIDE PRATT, A.B., . . . . . Worcester.

## SOME IDEAS OF CHILDREN CONCERNING ANIMALS.

## AFTERNOON.

BEGINNING AT TWO O'CLOCK.

---

SINGING, — "The Sun Again," . . . . . *Weber.*

### VALEDICTORY, — THIRTY-SECOND CLASS.

MARION REGAN (A), . . . . . *Gardner.*  
PRACTICAL LESSONS FROM PSYCHOLOGY.

### VALEDICTORY, — THIRTY-THIRD CLASS.

MRS. MATILDA HARRINGTON (A), . . . . . *Paxton.*  
WHY TEACHING IS ONE OF THE BEST WAYS OF LEARNING.

---

## AWARD OF DIPLOMAS.

---

SINGING, — A Group of Songs :  
Children's Songs, . . . . . *Carl Reinecke.*  
(a) Sir Spring's Concert.  
(b) Barcarole.

ENGLISH SONG, — "The Girl I've Left Behind Me," { Harmonized by  
MR. C. C. STEARNS.

---

## ANNIVERSARY ADDRESS.

By G. STANLEY HALL, LL.D., *President of Clark University.*

---

SINGING, — "AULD LANG SYNE."

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## QUESTIONS USED AT THE ENTRANCE EXAMINATION (WRITTEN PART), FEB. 1 AND 2, 1894.

The questions are printed merely to indicate, in a general way, to those who may be preparing to enter the school, something of the standard required for admission.

School committees, teachers and others may receive copies of the examination questions regularly by applying to the principal.

**ARITHMETIC.**

- (a.) How long is it since you studied Arithmetic?
- (b.) What text-books have you used?
- (c.) What other branches of Mathematics have you studied?
1. Find the square root of 1841449.
2. John spent 6 cents and then found 4, and then had  $\frac{1}{2}$  of his original sum. How much had he at first?
3. Received \$432 for goods which were sold for 10 per cent. less than the marked price. The marked price was 20 per cent. above the cost. How much money was gained?
4. What operations may be performed upon a fraction without altering its value?
5. Mrs. J. H. Brown bought of Barnard, Sumner & Co. 10 yards of silk at \$1.25 a yard, and three dozen spools of thread at 50 cents a dozen. Make a receipted bill.
6. What sum of money will gain \$450 in 2 years and 6 months at  $4\frac{1}{2}$  per cent.
7. A horse is tied by a rope 28 ft. long, to the middle of one side of a shed which is 28 ft. square. Over how much land can he graze? (Use  $\frac{22}{7}$ .)
8. Add two hundred and four thousandths, and six hundred eight thousandths; from the sum subtract twelve thousandths; multiply the remainder by four tenths; and divide the product by eight hundredths.
9. Solve by proportion. How many men will be required to do a piece of work in 4 days of 9 hours each, if 12 men can do it in 6 days working 10 hours a day?

**GRAMMAR.**

Nothing can describe the confusion of thought which I felt when I sank into the water; for though I swam very well, yet I could not free myself from the waves so as to draw breath, till that wave, having driven me, or rather carried me, a vast way on toward the shore, and having spent itself, went back, and left me upon the land almost dry, but half dead with the water I took in.

"Which I felt." What do you call this group of words? Name the name you give to it.

"When I sank into the water." Tell the grammatical use of each group of words.

Write the past perfect, 3d singular of the verbs "*sank, swam, took, took, took*."

Tell the grammatical use of the word "for," and what part of speech it is.

"So as." Show the use of these words.

"Way," how used?

"Dry," how used?

"I took in." What is this group of words? Use of "in?"

Name the dependent clauses in the whole sentence.

**DRAWING.**

With pencil and ruler draw an oblong (of any size) having the proportions of this sheet of paper. Measure the sheet and mark the dimensions on the sketch.

Draw accurately (with the ruler) a hexagon having  $1\frac{1}{4}$ " base.

Draw freehand the piece of ornament shown on the blackboard.

Make a drawing of a cylinder standing on its base, in front of and a little below, the level of the eye.

Make a freehand sketch of a window in this room.

**PHYSIOLOGY.**

What is an organ? Name one and describe its function.

What is a secretion? Give an example.

What is nutrition? Enumerate its principal processes.

How do we breathe, and what for?

What are some of the uses of the skin?

**UNITED STATES HISTORY.**

Write for half an hour on one of the following topics, or if you prefer, choose any other topic :

1. The 19th of April.
2. The Indian wars.
3. Additions to the original territory of the United States.
4. A biographical sketch of General Grant.

**SPELLING.**

- |                    |                    |
|--------------------|--------------------|
| 1. leisure.        | 16. vertical.      |
| 2. proficient.     | 17. February.      |
| 3. mercantile.     | 18. ellipse.       |
| 4. prevalence.     | 19. sentence.      |
| 5. repetition.     | 20. irresistible.  |
| 6. superintendent. | 21. ingratiate.    |
| 7. manageable.     | 22. cocoon.        |
| 8. analyze.        | 23. convalesce.    |
| 9. grammar.        | 24. rheumatism.    |
| 10. eulogy.        | 25. absence.       |
| 11. negotiable.    | 26. philanthropy.  |
| 12. Nicaragua.     | 27. solicit.       |
| 13. dividend.      | 28. fiery.         |
| 14. infinitive.    | 29. Mediterranean. |
| 15. comparative.   | 30. calendar.      |
-

## GIFTS.

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The following gifts to the school are gratefully acknowledged : —

Botanical specimens from Florida, from Mr. Chapman Wallis.

Fossils and seeds from Kentucky, from Miss Mary B. Porter.

Photographic views in Lancaster, Mass., from Miss Helen Ball.

Volumes to the Library, from Mr. H. W. Brown, Mr. Thaddeus L. Bolton, Mrs. Ednah D. Cheney, The Massachusetts School Suffrage Association, Messrs. F. S. Blanchard & Co., Miss Arabella H. Tucker, Prof. E. A. Kirkpatrick, Mr. E. H. Russell, Prof. S. Edward Warren, Frederick Tracy, Ph.D.

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ANNIVERSARY ADDRESSES HAVE BEEN GIVEN BY THE  
FOLLOWING PERSONS.

- In 1877, by William T. Harris, LL.D., of St. Louis.  
In 1878, by Rev. Thomas Hill, D.D., of Portland, Me.  
In 1879, by Alexander H. Rice, LL.D., of Boston.  
In 1880, by Mrs. Julia Ward Howe of Boston.  
In 1881, by Rev. Francis Tiffany of West Newton.  
In 1882, by Hon. James W. Patterson, LL.D., of Hanover, N. H.  
In 1883, by Mrs. Ednah D. Cheney of Boston.  
In 1884, by Prof. G. Stanley Hall, Ph.D., of Baltimore.  
In 1885, by Prof. Albert Harkness, LL.D., of Providence, R. I.  
In 1886, by Charles Dudley Warner of Hartford, Conn.  
In 1887, by Edward S. Morse, Ph.D., of Salem.  
In 1888, by John Fiske of Cambridge.  
In 1889, by Francis A. Walker, LL.D., of Boston.  
In 1890, by Mrs. Alice Freeman Palmer of Cambridge.  
In 1891, by Rev. E. B. Andrews, D.D., of Providence, R. I.  
In 1892, by Rev. Charles M. Lamson, D.D., of St. Johnsbury, Vt.  
In 1893, by G. Stanley Hall, LL.D., of Worcester.
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MASSACHUSETTS

# STATE NORMAL SCHOOL

AT WORCESTER.

❖ 1895 ❖

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PRINCIPAL'S HOUSE AND STODDARD TERRACE (Dormitory).

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MASSACHUSETTS  
STATE NORMAL SCHOOL  
AT WORCESTER.

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CATALOGUE AND CIRCULAR.

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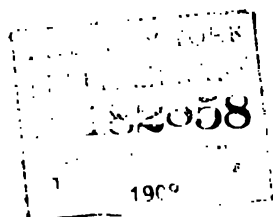
TWENTY-FIRST YEAR, 1895.



BOSTON :  
1895.

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ESTABLISHED IN 1837.

## Ex Officio.

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E I. ALDRICH, . . . Newtonville, . . .	May 25, 1898.
H. CAPEN, . . . Medford, . . .	May 25, 1899.
I B. STODDARD, . . . Worcester, . . .	May 25, 1900.
E H. CONLEY, . . . Boston, . . .	May 25, 1901.
LICE FREEMAN PALMER, Cambridge, . . .	May 25, 1902.
D. MILLER, . . . Leominster, . . .	May 25, 1903.

## SECRETARY.

A. HILL, . . . . . Cambridge.

## TREASURER.

ILLINGHAST, . . . . . Boston.

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## ASSISTANT.

ETER SARGENT, . . . . . Pittsfield

## BOARD OF VISITORS FOR WORCESTER.

E. B. STODDARD. J. D. MILLER.



◁1895.▷

**JULY.**

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◁1896.▷

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**APRIL.**

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**MAY.**

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# THE CALENDAR.

(SEE OPPOSITE PAGE.)

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## TWENTY-SECOND SCHOOL YEAR, 1895-96.

Friday and Saturday, . . . First entrance examination.  
and 13, Thursday and Friday, . Second entrance examination.  
Saturday, . . . . . School year begins.  
Wednesday, . . . . . Autumn Arbor Day.  
December 8, . . . . . Mid-term recess.  
Wednesday, . . . . . Christmas Day.

Thursday, . . . . . First term ends.  
MIDWINTER VACATION, ONE WEEK.

Thursday, . . . . . Second term begins.  
Thursday, . . . . . Washington's Birthday.  
November 21, . . . . . Mid-term recess.  
Wednesday, . . . . . Spring Arbor Day.  
Monday, . . . . . Memorial Day.  
Monday, . . . . . School year ends.  
Friday and Saturday, . . . First entrance examination.  
MIDSUMMER VACATION, ELEVEN WEEKS.

December 9, Tuesday and Wednesday, . Second entrance examination.  
Thursday, . . . . . School year begins.

---

## SPECIAL NOTICE.


Examinations for admission to the school are held twice a year, following the close of the summer term and immediately upon the opening of the fall term; private examinations in no case shall be given.

Graduation exercises occur once a year only — on the last day of the summer term — and are always open to the public.

The regular session of the school on Monday. On other days the school is open from nine o'clock to four, with an intermission of an hour.

Communications may be addressed to the principal, 1 Normal School. E. B. Stoddard, 15 Ashland Street.


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## TEACHERS.

---

E. HARLOW RUSSELL, <i>Principal</i> ,	. . . . .	1 Norma
Miss REBECCA JONES,	. . . . .	15 Florenc
CHARLES F. ADAMS,	. . . . .	2 Norma
Miss JULIET PORTER,	. . . . .	11 East Shell
HENRY W. BROWN,	. . . . .	5 Forest
Miss HELEN F. MARSH,	. . . . .	Stoddard Terrace, Prospe
Miss ELLEN M. HASKELL,	. . . . .	Stoddard Terrace, Prospe
Mrs. MARION J. SUMNER,	. . . . .	15 Chatha
Miss ARABELLA H. TUCKER,	. . . . .	322 Pleasa
Miss E. LOUISE RICHARDS,	. . . . .	Stoddard Terrace, Prospe
Miss OLIVE RUSSELL,	. . . . .	1 Norm
THADDEUS L. BOLTON,	. . . . .	53 Eastern
Miss ANNA P. SMITH,	. . . . .	9 Aubu
JOHN CROX, <i>Janitor</i> ,	. . . . .	Stoddard Terrace, Prospe



## STUDENTS.

### PURSUING POST-GRADUATE STUDIES.

N. B. — Students whose names are marked with (A) have, besides passing through the regular course of study, served for a half year as apprentices (see page 25) in the public schools of the city of Worcester.

Mabel Boomer Blanchard (A),	Worcester.
Rose Anne Boyle (A),	Worcester.
Carrie Maria Bunce (A),	Worcester.
Anna Loretta Callahan,	Barre.
Ellen Gertrude Carey (A),	Worcester.
Mabel Susan Chamberlain (A),	Worcester.
Florence Lane Cota (A),	New Braintree.
Alice Louise Day (A),	Worcester.
Frances Isabelle Everett (A),	Worcester.
Mary Jennie Hart (A),	Worcester.
Catherine Pauline Mullany (A),	Worcester.
Mary Catherine O'Connor (A),	Worcester.
Anastasia Leone O'Gorman (A),	Worcester.
Helen Austina O'Gorman (A),	Worcester.
Martha Eveline Peck (A),	Rowe.
Margaret Blanche Toole (A),	Worcester.

### SPECIAL STUDENTS.

Andrew John Dolan, A.B.,	Worcester.
Denis Francis O'Connor, A.B.,	Worcester.

### FIRST CLASS, JANUARY, 1895.

Alice Belle Aldrich,	Southbridge.
Mabel Boomer Blanchard (A),	Worcester.
Anna Loretto Bourke (A),	Worcester.
Grace Adell Chamberlain (A),	East Jaffrey, N. H.
Joanna Teresa Daly (A),	Worcester.
Gertrude Lavina Eames (A),	Worcester.

---

Frances Isabelle Everett (A), . . . . .	Worcester.
Edith Maria Harlow (A), . . . . .	Shrewsbury.
Florence Selina Jenkins (A), . . . . .	Worcester.
Frances Edna Joyce (A), . . . . .	Worcester.
Elizabeth Bernard McCourt (A), . . . . .	Worcester.
Annie Gertrude O'Day (A), . . . . .	Worcester.
Amy Gertrude Perkins (A), . . . . .	Templeton.
Alice Jennie Perry (A), . . . . .	Worcester.
Hilma Peterson (A), . . . . .	Worcester.
Mary Teresa Ryan (A), . . . . .	Worcester.
Gertrude Elvira Ryder (A), . . . . .	Auburn.
Isabelle Stevenson (A), . . . . .	Worcester.
Katherine Ellen White (A), . . . . .	Worcester.
Lucy Addie Whitney, . . . . .	Worcester.

## FIRST CLASS, JUNE, 1895.

Emma Elizabeth Allison (A), . . . . .	Worcester.
Elizabeth Hastings Bray (A), . . . . .	Boylston.
Katherine Louisa Broderick (A), . . . . .	Worcester.
Mabel Elizabeth Burrage (A), . . . . .	Spencer.
Julia Adelaide Butler (A), . . . . .	Worcester.
Grace Irene Chapin (A), . . . . .	Worcester.
Katharine Grace Crane (A), . . . . .	Worcester.
Katherine Theresa Degnan (A), . . . . .	Worcester.
Louise Julia Diemar (A), . . . . .	Worcester.
Edith Florence Eames (A), . . . . .	Worcester.
Flora Torrey Edgecomb (A), . . . . .	Fitchburg.
Agnes Margaret Hagerty (A), . . . . .	Worcester.
Anna Wilmarth Howe (A), . . . . .	Worcester.
Louella Irene Jackson (A), . . . . .	Worcester.
Alice Louise King (A), . . . . .	Charlton.
Mary Evelyn Mack (A), . . . . .	Millbury.
Josephine Belle Matthews (A), . . . . .	Worcester.
Margaret Rose McGowan (A), . . . . .	Worcester.
Eliza Jane Meyers (A), . . . . .	Worcester.
Mabel Margaret Nick (A), . . . . .	Worcester.
Katherine Agnes Walsh (A), . . . . .	Worcester.
Alice Stearns White (A), . . . . .	Bolton.

## APPRENTICES.

Katherine Teresa Butler, . . . . .	Leicester.
Nellie Teresa Maria Butler, . . . . .	Worcester.
Mary Jane Callahan, . . . . .	Barre.
Clara Maud Chase, . . . . .	Millbury.

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*SATE NORMAL SCHOOL AT WORCESTER.*

9

Argaret Cunningham,	Boylston.
Luthbertson,	Fitchburg.
Agnes Devlin,	Worcester.
Fleming,	Worcester.
Myat,	Taunton.
Harry Gaynor,	Worcester.
Ida Harrington,	Worcester.
William Hill,	Worcester.
Ida Johnson,	Coos, N. II.
Ida Wheeler Lesure,	Worcester.
Ida Wheeler Lesure,	Worcester.
Ida McAuliffe,	Uxbridge.
Ida McDermott,	Worcester.
Rachel McDonald,	Spencer.
Ida McDonnell,	Worcester.
Ida McGrath,	Worcester.
Ida McHugh,	Worcester.
Ida Moran,	Worcester.
Ida Murdock,	Webster.
Ida Newell,	Southbridge.
Ida Reed,	Worcester.
Ida Riordan,	Worcester.
Ida Starkey,	Worcester.
Ida Taft,	Worcester.
Ida Boynton Taylor,	Worcester.
Ida Topanelian,	Worcester.

**SECOND CLASS.**

Barton, . . . . .	Worcester.
uman, . . . . .	Westborough.
Bean, . . . . .	Worcester.
Cartwright, . . . . .	Berlin.
eth Davidson, . . . . .	Millbury.
Donaher, . . . . .	Worcester.
Elizabeth Eagan, . . . . .	Worcester.
Everett, . . . . .	East Windsor, Conn.
Farwell, . . . . .	Clinton.
Gilgan, . . . . .	Worcester.
etta Griffin, . . . . .	Worcester.
eth Hackett, . . . . .	Fitchburg.
Johnson, . . . . .	Holden.
Jones, . . . . .	Worcester.
es Kane, . . . . .	Worcester.
Kehoe, . . . . .	Milford.



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Mary Elizabeth Killelea, . . . . .	Worcester.
May Louise Alden Liberty, . . . . .	Worcester.
Josephine Gertrude Lynch, . . . . .	Worcester.
Mary Teresa Lynch, . . . . .	Worcester.
Elizabeth Clare MacMahon, . . . . .	Worcester.
Rosealba Parrott (A), . . . . .	Worcester.
Elizabeth Sterling Pierce, . . . . .	Worcester.
Mary Helen Regan, . . . . .	Gardner.
Julia Marion Robbins, . . . . .	Worcester.
Bertha May Rogers, . . . . .	Clinton.
Philip Russell, . . . . .	Worcester.
Anna Moore Sears, . . . . .	Millbury.
Blanche May Stone (A), . . . . .	Auburn.
Maud Louise Stratton, . . . . .	Millbury.
Mary Elizabeth Whalon, . . . . .	Gardner.
Margaret Anna Whitty, . . . . .	Fitchburg.
Bessie Belle Woodard, . . . . .	Worcester.

## THIRD CLASS.

Grace Emeline Baker, . . . . .	Worcester.
Addie Jane Blanchard, . . . . .	Worcester.
Margaret Mary Brosnahan, . . . . .	Somerville.
Ella Gertrude Brosnan, . . . . .	Worcester.
Anna Teresa Cahill, . . . . .	Worcester.
Josie Louise Carey, . . . . .	Holden.
Grace Mabel Carr, . . . . .	Woodstock, Conn.
Mary Alice Carr, . . . . .	Lancaster.
Josephine Wilder Chute, . . . . .	Leominster.
Catherine Veronica Conlon, . . . . .	Worcester.
Margaret Eloise Conlon, . . . . .	Worcester.
Jennie Louise Coombs, . . . . .	East Brookfield.
Winnifred Gertrude Crane, . . . . .	Worcester.
Eugenia Coletta Crowley, . . . . .	Worcester.
Mary Anna Daly, . . . . .	Worcester.
Catherine Agnes Dolan, . . . . .	Worcester.
Mary Theresa Dorsey, . . . . .	Worcester.
Delia May Eagan, . . . . .	Worcester.
Susan Elizabeth Fisher, . . . . .	Worcester.
Josephine Maria Flagg, . . . . .	Worcester.
Lula Melvena Gallup, . . . . .	Worcester.
Teresa Agnes Gerrity, . . . . .	Worcester.
Margaret Clare Gleason, . . . . .	Worcester.
Alice Mary Gorman, . . . . .	Gardner.
Carrie Belle Gregory, . . . . .	Princeton.

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STATE NORMAL SCHOOL AT WORCESTER.

11

y Holbrook, . . . . .	Worcester.
Isabel Holliday, . . . . .	Worcester.
Anche Horton, . . . . .	South Lancaster.
ace Howe, . . . . .	Leominster.
odwin Jennison, . . . . .	Worcester.
nise Larsen, . . . . .	Worcester.
rgaret Leonard, . . . . .	Worcester.
sworth Lincoln . . . . .	Worcester.
enevieve McGuire, . . . . .	Worcester.
rmeline McNulty, . . . . .	Worcester.
h Jane Moran, . . . . .	West Boylston.
e Isabelle Moreau, . . . . .	North Brookfield.
ertice Newton, . . . . .	Auburn.
celia OGrady, . . . . .	Worcester.
izabeth O'Neil, . . . . .	Worcester.
Eliza Ormsby, . . . . .	Brookfield.
ertha Pike, . . . . .	Worcester.
seph Pratt, . . . . .	Worcester.
arning Rafferty, . . . . .	Worcester.
elia Ridler, . . . . .	Worcester.
ptista Ryan, . . . . .	Worcester.
uisa Rydberg, . . . . .	Worcester.
ertha Smith, . . . . .	Worcester.
Caroline Stenman, . . . . .	Worcester.
Sadie Belle Taylor, . . . . .	Worcester.
Estelle Temple, . . . . .	West Upton.
eanor Thompson, . . . . .	Worcester.
Winifred Tracy, . . . . .	Worcester.
sabel Truchon, . . . . .	Worcester.
Alice Vaughan, . . . . .	North Prescott.
alker, . . . . .	Upton.
ella Wilder, . . . . .	Winchendon.
et Mabel Wilkins, . . . . .	Worcester.
veleth Willard, . . . . .	Worcester.
Adaleno Woodice, . . . . .	Worcester.

FOURTH CLASS.

toxalana Bemis, . . . . .	Lancaster.
heresa Broderick, . . . . .	Worcester.
eresa Burke, . . . . .	Worcester.
ane Burns, . . . . .	Worcester.
Elizabeth Connor, . . . . .	Worcester.
odge, . . . . .	Worcester.
and Donnelly, . . . . .	Spencer.

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Elizabeth Mary Duggan, . . . . .	Worcester.
Sarah Hannah Fallows, . . . . .	Southbridge.
Elizabeth Marie Flanagan, . . . . .	Worcester.
Catherine Agnes Gilfillan, . . . . .	Worcester.
Anna Theresa Hanley, . . . . .	Leicester.
Josephine Gertrude Hartigan, . . . . .	Worcester.
Mary Ella Haskell, . . . . .	North Brookfield.
Emily Alice Heslin, . . . . .	Worcester.
Delia Gertrude Hines, . . . . .	Worcester.
Josephine Veronica Judge, . . . . .	Worcester.
Mary Agnes Lee, . . . . .	Fitchburg.
Mary Elizabeth Loughlin, . . . . .	Worcester.
Mary Louise Manning, . . . . .	Worcester.
Mary Veronica McCarthy, . . . . .	Worcester.
Ellen Theresa McInerney, . . . . .	Worcester.
Ellen Catharine McKenna, . . . . .	Worcester.
Frances Elizabeth McManus, . . . . .	Worcester.
Anna Maria McNally, . . . . .	Worcester.
Nora Margaret Molloy, . . . . .	Worcester.
Sarah Anne O'Malley, . . . . .	Worcester.
Katherine Bernardine Power, . . . . .	Worcester.
Mary Louisa Powers, . . . . .	Spencer.
Bertha Eugenia Rice, . . . . .	Worcester.
Bertha Elizabeth Roach, . . . . .	Worcester.
Elizabeth Teresa Sharry, . . . . .	Worcester.
Helen Adelaide Slyne, . . . . .	Worcester.
Lucelia Holt Smith, . . . . .	Worcester.
Alice Towne, . . . . .	Spencer.
Frances Cecelia Trainor, . . . . .	Leicester.
Mary Genevieve Trainor, . . . . .	Worcester.
Grace Duell Wilbur, . . . . .	West Brookfield.

## STUDENTS TEMPORARILY ABSENT ON LEAVE.

Mary Clemans Bascom, . . . . .	Holden.
Alice Josie Bunce, . . . . .	Worcester.
Mabelle Edith Fisher, . . . . .	West Boylston.
Nellie Roena Fitch, . . . . .	Gardner.
Elsie Adelaide Hastings, . . . . .	Westborough.
Ruth Jenness Johnson, . . . . .	Stratford, N. H.
Sarah Matilda Kneeland, . . . . .	Worcester.
Catherine Matilda Lynch, . . . . .	West Boylston.
Maria McLaughlin, . . . . .	Millbury.
Gertrude Agnes Nutting, . . . . .	South Gardner.
Anne Louise O'Malley, . . . . .	Clinton.

Pollard, . . . . .	Worcester.
Sheehan, . . . . .	Millbury.
Simonds, . . . . .	Ashby.
Elizabeth Whitty, . . . . .	Fitchburg.

## CHILDREN'S CLASS.

	AGES IN YEARS AND MONTHS.
mes, . . . . .	3-6
lake, . . . . .	3-7
urke, . . . . .	4-4
el Calder, . . . . .	3-4
der, . . . . .	4-10
gham, . . . . .	3-1
orn, . . . . .	4-5
Derosia, . . . . .	4-11
od Hobbs, . . . . .	3-5
Madden, . . . . .	4-3
se Pike, . . . . .	4
on Porter, . . . . .	4-11
ne Reardon, . . . . .	4-6
ullivan, . . . . .	3-10
heeler, . . . . .	4
ld Beals, . . . . .	4-3
Blake, . . . . .	4-9
y Brown, . . . . .	4-7
ran, . . . . .	4-9
um Lepire, . . . . .	4-10
. . . . .	3-7
an, . . . . .	3-6
ney, . . . . .	3-3
ullaney, . . . . .	4-8
r Munger, . . . . .	3-8
l Peckham, . . . . .	4-7
ey Reid, . . . . .	4-2
Sadd, . . . . .	3-8
, . . . . .	3-6
lison Smith, . . . . .	3-3

## SUMMARY OF NUMBERS.

's, . . . . .	16
its, . . . . .	2
ummary, 1895, . . . . .	20
me, 1895, . . . . .	22

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Apprentices, . . . . .	30
Second Class, . . . . .	33
Third Class, . . . . .	60
Fourth Class, . . . . .	38
	<hr/>
	221
Deduct for names printed twice, . . . . .	2
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Whole number of different pupils in attendance for the year 1894-95,	219
Number in Children's Class, . . . . .	30
Number absent on leave, . . . . .	15

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MAIN HALL (Rear View)

## CIRCULAR OF INFORMATION.

### HISTORICAL SKETCH.

The following extract, from the thirty-seventh annual report (1872-73) of the Board of Education, gives in outline a history of the establishment of this school : —

By the terms of a Resolve which went into effect on the twenty-fifth day of June, 1871, the Board of Education were authorized and required to establish a State Normal School in the city of Worcester; and the trustees of the Worcester Lunatic Hospital were authorized and required to convey to the Board of Education and its successors a tract of land of not more than five acres, to be located by the Governor and Council, within certain limits fixed in the Resolve. An appropriation of sixty thousand dollars was made, upon condition that the city of Worcester should pay the Board of Education for the purposes named in the Resolve the sum of fifteen thousand dollars. This condition was promptly complied with. The tract was located by the Governor and Council Sept. 2, 1871; and on the nineteenth day of September, 1871, the conveyance was made by the trustees of the hospital to the Board of Education and its successors in trust, as directed.

The tract of land located is upon Hospital Hill in Hospital Grove (formerly so called), within a short distance of the new Union Depot now in process of erection, — a point at which, when the railroad arrangements now in progress shall be completed, pupils residing on the line of either of the roads leading into the city of Worcester can arrive in season for the commencement of school each day, and take the cars to return after the school exercises are finished.

The exercises of dedication took place on Friday, Sept. 11, 1874; and on the following Tuesday (September 15) the school was opened to pupils.

### THE BUILDINGS.

The school-house is a large, three-story, massive structure, built of stone taken from the hill upon which it stands. Its position gives an



extensive view of Worcester and its surroundings. From the front steps one looks westward down through clumps of trees over the city lying spread within an inner circle of rolling country. The site, moreover, has all the advantages that light and air can give it. It is not more than fifteen minutes' walk from the Union Station, wherein centre the various lines of railroad by which a considerable portion of the pupils come in daily from their homes.

In its interior arrangement the building is spacious and unusually well fitted to the various needs of the school. Wide corridors and stairways, large and commodious wardrobe-rooms, class-rooms, study-rooms, lunch-room, and in the middle of the building a noble hall, all well lighted, make up an assemblage of conveniences and attractions not often met with even in structures of far greater cost. The main hall, by far the largest and pleasantest room in the building, is used as the daily living room of the school. It is well furnished with such books as the students most frequently need, and is adorned with busts of eminent men and with pictures, for the most part gifts of past graduating classes. The building is efficiently warmed by hot air as well as by steam.

In 1891 a new double building was erected upon the north side of the school grounds, consisting of a dwelling-house for the principal and a dormitory for teachers and students. The latter (Stoddard Terrace) furnishes excellent accommodations for twenty persons exclusive of a basement tenement for the janitor.

The school grounds comprise five acres, enclosed by a substantial wall of masonry and diversified by picturesque slopes, with groups of trees and shrubs.

### AIM AND PURPOSE OF THE SCHOOL.

The Board of Education, by a vote passed May 6, 1880, stated the design of the school, and the course of studies for the State Normal School, as follows:—

The design of the normal school is strictly professional; that is, to prepare in the best possible manner the pupils for the work of organizing, governing and teaching the public schools of the Commonwealth.

To this end there must be the most thorough knowledge, first, of the branches of learning required to be taught in the schools; second, of the best methods of teaching these branches; and third, of right mental training.

**CONDITIONS OF ADMISSION.**

Candidates for admission to any one of the normal schools must have attained the age of seventeen years complete if young men, and sixteen years if young women, and must be free from any disease or infirmity which would unfit them for the office of teacher.

They must present a certificate of good moral character, give evidence of good intellectual capacity, be graduates of a high school whose courses of study have been approved by the Board of Education, or they must have received, to the satisfaction of the principal and the Board of Visitors of the school, the equivalent of a good high school education. The examination for admission for 1895 will be in reading, spelling, writing, arithmetic, geography, English grammar, the history of the United States, drawing, physiology and hygiene. As an alternative, candidates may present, as subjects for examination, one language other than English; algebra or geometry; one of the natural sciences; and general history or literature. Candidates must also declare their intention to complete the course of study in the school, and afterwards to teach in the public schools of Massachusetts.

To persons thus declaring their intention to teach, tuition is free; but persons intending to teach in other States, or in private schools, may be admitted to the normal schools upon paying fifteen dollars term for tuition, *provided* their admission does not exclude or inconvenience those intending to teach in the public schools of the Commonwealth.

**THE NEW REQUIREMENTS.**

For 1896 and thereafter, the examinations will embrace the following groups:—

1. **Languages.**—(a) English, with its grammar and literature, and (b) one of the three languages, Latin, French and German.
2. **Mathematics.**—(a) Arithmetic, (b) the elements of algebra and (c) the elements of plane geometry.
3. **History and Geography.**—The history and civil government of Massachusetts and the United States, with related geography and so much of English history as is directly contributory to a knowledge of United States history.
4. **Sciences.**—(a) Physical geography, (b) physiology and hygiene, (c) physics, (d) botany and (e) chemistry.

5. **Drawing and Music.** — (a) Elementary, mechanical and freehand drawing, with any one of the topics, form, color and arrangement, and (b) musical notation, with ability to sing, if practicable.

#### ORAL EXAMINATION.

The candidate will be questioned orally either upon some of the foregoing subjects or upon matters of common interest to him and the school, at the discretion of the examiners. In this interview the object is to gain some impression about the candidate's personal characteristics and his use of language, as well as to give him an opportunity to furnish any evidences of qualification that might not otherwise become known to the examiners. Any work of a personal, genuine and legitimate character that the candidate has done in connection with any of the groups that are set for examination, and that is susceptible of visible or tangible presentation, may be offered, and such work will be duly weighed in the final estimate, and may even determine it. To indicate the scope of this feature, the following kinds of possible presentation are suggested, but the candidate may readily extend the list: —

1. A book of drawing exercises, — particularly such a book of exercises as one might prepare in following the directions in "An Outline of Lessons in Drawing for Ungraded Schools," prepared under the direction of the Massachusetts Board of Education, or in developing any branch of that scheme.
2. Any laboratory note-book that is a genuine record of experiments performed, data gathered or work done, with the usual accompaniment of diagrams, observations and conclusions.
3. Any essay or article that presents the nature, successive steps and conclusion of any simple, personally conducted investigation of a scientific character, with such diagrams, sketches, tables and other helps as the character of the work may suggest.
4. Any exercise book containing compositions, abstracts, analyses or other written work that involves study in connection with the literature requirements of the examination.

#### SPECIAL DIRECTIONS.

**I. Languages.** (a) **ENGLISH.** — The importance of a good foundation in English cannot be overrated. The plan and the subjects for the examination will be the same as those generally agreed upon by the colleges and high technical schools of New England. While it is hoped that candidates may be able to study all the works given in this plan, the topics and questions will be so prepared for 1896, and thereafter until further announcement, that any candidate may expect to meet them who has mastered *half* of the works assigned for reading (or a bare majority of them) and *half* of the works assigned for study and practice, the selection to be at the candidate's option.

*No candidate will be accepted in English whose work is notably deficient in point of spelling, punctuation, idiom or division of paragraphs.*

1. *Reading and Practice.* — A limited number of books will be set for reading. The candidate will be required to present evidence of a general know-

f the subject-matter, and to answer simple questions on the lives of the s. The form of examination will usually be the writing of a paragraph on each of several topics to be chosen by the candidate from a consideration—perhaps ten or fifteen—set before him in the examination.

The treatment of these topics is designed to test the candidate's of clear and accurate expression, and will call for only a general knowledge of the substance of the books. In place of a part or the whole of this the candidate may present an exercise book properly certified by his instructor, containing compositions or other written work done in connection with the reading of the books.

books set for this part of the examination will be:—

. Shakespeare's *Midsummer Night's Dream*; Defoe's *History of the Plague in London*; Irving's *Tales of a Traveller*; Scott's *Woodstock*; Macaulay's *Essay on Milton*; Longfellow's *Evangeline*; George Eliot's *Silas Marner*.

. Shakespeare's *As You Like It*; Defoe's *History of the Plague in London*; Irving's *Tales of a Traveller*; Hawthorne's *Twice-Told Tales*; Longfellow's *Evangeline*; George Eliot's *Silas Marner*.

. Milton's *Paradise Lost*, Books I. and II.; Pope's *Iliad*, Books I. and II.; *The Sir Roger de Coverley Papers* in *The Spectator*; Goldsmith's *Vicar of Wakefield*; Coleridge's *Ancient Mariner*; Southey's *Life of Nelson*; Carlyle's *Essay on Burns*; Lowell's *Vision of Sir Launfal*; Hawthorne's *The Scarlet Letter*.

*Study and Practice.*—This part of the examination presupposes a more detailed study of each of the works named below. The examination will be on the subject-matter, form and structure, and will also test the candidate's ability to express his knowledge with clearness and accuracy.

books set for this part of the examination will be:—

. Shakespeare's *Merchant of Venice*; Milton's *L'Allegro, Il Penseroso, and Lycidas*; Webster's *First Bunker Hill Oration*.

. Shakespeare's *Merchant of Venice*; Burke's *Speech on Conciliation with America*; Scott's *Marmion*; Macaulay's *Life of Samuel Johnson*.

. Shakespeare's *Macbeth*; Burke's *Speech on Conciliation with America*; Tennyson's *Flight of a Tartar Tribe*; Tennyson's *The Princess*.

One only of the three languages, Latin, French and German. The examination at sight of simple prose, with questions on the usual forms and grammatical constructions of the language.

**Mathematics.** (a) ARITHMETIC.—Such an acquaintance with the subject as may be gained in a good grammar school.

ALGEBRA.—The mastery of any text-book suitable for the youngest class in a high school, through cases of affected quadratic equations involving a known quantity.

GEOMETRY.—The elements of plane geometry as presented in any high school text-book. While a fair acquaintance with ordinary book work in geometry will be accepted, candidates are advised, so far as practicable, to

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train themselves to do original work both with theorems and problems, and an opportunity will be offered them, by means of alternative questions, to test their ability in such work.

**III. History and Geography.** — Any school text-book on United States history will enable the candidate to meet this requirement, provided he studies enough of geography to illumine the history, and makes himself familiar with the grander features of government in Massachusetts and the United States.

**IV. Sciences.** (*a*) **PHYSICAL GEOGRAPHY.** — The mastery of the elements of this subject as presented in the study of geography in a good grammar school. If the grammar school work is supplemented by the study of some elementary text-book on physical geography, better preparation still is assured.

(*b*) **PHYSIOLOGY AND HYGIENE.** — The chief elementary facts of anatomy, the general functions of the various organs, the more obvious rules of health, and the more striking effects of alcoholic drinks, narcotics and stimulants upon those addicted to their use.

(*c*), (*d*) and (*e*) **PHYSICS, CHEMISTRY AND BOTANY.** — The elementary principles of these subjects so far as they may be presented in the courses usually devoted to them in high schools.

**V. Drawing and Music.** (*a*) **DRAWING.** — Mechanical and freehand drawing, enough to enable the candidate to draw a simple object, like a box or a pyramid or a cylinder, with plan and elevation, to scale, and to make a freehand sketch of the same in perspective. Also, any one of the three topics, form, color and arrangement.

(*b*) **MUSIC.** — The elementary principles of musical notation, such as an instructor should know in teaching singing in the schools. Ability to sing, while not required, will be prized as an additional qualification.

It may be said, in general, that if the ordinary work of a statutory high school, even if it is of the second or lower grade, is well done, the candidate should have no difficulty in meeting any of the academic tests to which he may be subjected. He cannot be too earnestly urged, however, to avail himself of the best high school facilities attainable in a four years' course, even though he should pursue studies to an extent not insisted on, or take studies not prescribed in the admission requirements.

The importance of a good record in the high school cannot be over-estimated. The stronger the evidences of character, scholarship and promise, of whatever kind, he brings from his school and his teachers, especially from schools of high reputation and from teachers of good judgment and fearless expression, the greater confidence he may have in guarding himself against the contingencies of an examination and of satisfying the examiners of his fitness.

Reasonable allowance in equivalents will be made in case the candidate, for satisfactory reasons, has not taken a study named for examination.

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APPRENTICE AT WORK (Geography, Grade IX. Winslow Street).

The following approximate time allowances will indicate the brevity of the papers that may be set for examination : —

- I. LANGUAGE, two hours.
- II. MATHEMATICS, two hours.
- III. HISTORY and GEOGRAPHY, one hour.
- IV. SCIENCES, two hours.
- V. DRAWING and MUSIC, one hour.

The examinations are held at the main building, beginning at 9 A.M. ; and lunch should be brought each day, on account of the distance of the school from the centre of the city.

Private examinations cannot be given.

### COURSES OF STUDY.

#### GENERAL TWO YEARS' COURSE.

The general course of study for two years shall comprise the following subjects : —

Psychology, history of education, principles of education, methods of instruction and discipline, school organization, school laws of Massachusetts, methods of teaching the following subjects : —

1. English. — reading, language, rhetoric, composition, literature, history.
2. Mathematics, — arithmetic, book-keeping, algebra, geometry.
3. Science, — elementary physics and chemistry, geography, physiology, study of minerals, plants and animals.
4. Drawing, vocal music, physical culture, manual training.

Observation and practice in the training school, and observation in other public schools.

Graduates of colleges and universities, and of high schools of a high grade and standing, who give evidence of maturity, good scholarship and of aptness to teach, may, with the consent of the principal of the school and of the Board of Visitors, select from the above curriculum of study a course which may be completed in one year, and when such course is successfully completed they shall receive a certificate for the same.

#### ADVANCED COURSE OF TWO YEARS.

The subjects of the advanced course of study for two years are as follows : —

Psychology, history of education, science and art of teaching, school organization, school discipline, school laws of Massachusetts, methods of teaching the following subjects : —



1. Language and literature, — English, French, German, Latin and Greek.
2. Mathematics, — arithmetic, algebra, geometry, trigonometry and surveying.
3. Science, — chemistry, physics, astronomy, physical geography, geology, mineralogy, botany, zoology, physiology.
4. History, economics, philosophy.
5. Drawing, vocal music, physical culture, manual training.
6. Preparation of specimens and apparatus.

Persons of exceptional maturity, of a high standing in college, and who give evidence of superior scholarship and special aptness to teach, may, with the approval of the principal of the school and of the Board of Visitors, select from the above curriculum of study a course which may be completed in one year, and when such course is successfully completed they shall receive a certificate for the same.

The above is an enumeration of the studies ; their order in the course and the relative emphasis placed upon each are determined by the principal of each school, with the approval of the visitors of that school.

It also needs to be stated that, while the foregoing list of subjects marks out the field covered in the school curriculum, it gives no adequate idea of the actual work done. It is made a special aim to seize every opportunity to give the pupils the benefit of whatever tends to fit them for the work of teaching. The spirit of this endeavor pervades the whole school. It influences the mode and character of most of the exercises, and imparts to the whole work a tone and zest difficult to describe, but which determines whatever of distinct character the normal school possesses.

LEAVE OF ABSENCE. — It is often the case that, through weak health or stress of circumstances, pupils may be obliged to miss one, two, three or more terms. It is in the interest of such that the course need not be pursued uninterruptedly to the end. Students may, and often do, obtain leave of absence to teach or to rest, and resume their work afterwards. This divides, but of course does not shorten, their course of study.

TERMS OF TUITION. — Tuition, and also the use of all text-books and necessary school stationery (except drawing materials), are free to such as intend to teach in the public schools of Massachusetts, *whether residents of this State or not*. Those whose purpose is to teach in other States or in private schools are required to pay in advance fifteen dollars a term (thirty dollars a year) for tuition.

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The almost unrestricted use of the library is not abused. While the appearance of the books is convincing evidence that they are much read, but few volumes have been lost or mutilated in the twenty-one years of the existence of the school, and it is rarely necessary to inquire for a book when it is needed.

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[STATE NORMAL SCHOOL AT WORCESTER.]

Report of the apprentice work of.

Grade

Street School.

Time, from

to

Scale, 10. Please use no fractions. A mark of 5 will be regarded as fair, 10 as excellent, while 10 should be reserved for supreme excellence.

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Scale, 10. Please use no fractions. A mark of 5 will be regarded as fair, 8 as excellent, while 10 should be reserved for supreme excellence.



**NOTE.** — It is strongly desired that teachers may not feel the making of this report to be burdensome, and it is therefore hoped that they will not hesitate to omit any particulars that may be hard or perplexing for them to give.

ITEM.	MARK.	REMARKS.
Number of absences, . . . . .		
Number of tardinesses, . . . . .		
General bearing, . . . . .		
Thoroughness in preparing lessons, . . . . .		
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General ability in giving lessons, . . . . .		
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Power of control, . . . . .		
Power of interesting, . . . . .		
Enthusiasm, . . . . .		
Improvement under criticism, . . . . .		
Improvement through experience, . . . . .		

1. (a) In what subjects (if any) has the apprentice shown special excellence?

(b) In what subjects (if any) has she shown marked deficiency?

2. (a) What points of excellence (if any) have been shown in management?

(b) What weakness or deficiency?

#### EXPLANATIONS AND REMARKS.

[Signature]







APPRENTICE AT WORK (Geography, Grade IX. Winslow Street).

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The following approximate time allowances will indicate the brevity of the papers that may be set for examination : —

- I. LANGUAGE, two hours.
- II. MATHEMATICS, two hours.
- III. HISTORY and GEOGRAPHY, one hour.
- IV. SCIENCES, two hours.
- V. DRAWING and MUSIC, one hour.

The examinations are held at the main building, beginning at 9 A.M. ; and lunch should be brought each day, on account of the distance of the school from the centre of the city.

Private examinations cannot be given.

### COURSES OF STUDY.

#### GENERAL TWO YEARS' COURSE.

The general course of study for two years shall comprise the following subjects : —

Psychology, history of education, principles of education, methods of instruction and discipline, school organization, school laws of Massachusetts, methods of teaching the following subjects : —

1. English, — reading, language, rhetoric, composition, literature, history.
2. Mathematics, — arithmetic, book-keeping, algebra, geometry.
3. Science, — elementary physics and chemistry, geography, physiology, study of minerals, plants and animals.
4. Drawing, vocal music, physical culture, manual training.

Observation and practice in the training school, and observation in other public schools.

Graduates of colleges and universities, and of high schools of a high grade and standing, who give evidence of maturity, good scholarship and of aptness to teach, may, with the consent of the principal of the school and of the Board of Visitors, select from the above curriculum of study a course which may be completed in one year, and when such course is successfully completed they shall receive a certificate for the same.

#### ADVANCED COURSE OF TWO YEARS.

The subjects of the advanced course of study for two years are as follows : —

Psychology, history of education, science and art of teaching, school organization, school discipline, school laws of Massachusetts, methods of teaching the following subjects : —

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1. Language and literature, — English, French, German, Latin and Greek.
2. Mathematics, — arithmetic, algebra, geometry, trigonometry and surveying.
3. Science, — chemistry, physics, astronomy, physical geography, geology, mineralogy, botany, zoölogy, physiology.
4. History, economics, philosophy.
5. Drawing, vocal music, physical culture, manual training.
6. Preparation of specimens and apparatus.

Persons of exceptional maturity, of a high standing in college, and who give evidence of superior scholarship and special aptness to teach, may, with the approval of the principal of the school and of the Board of Visitors, select from the above curriculum of study a course which may be completed in one year, and when such course is successfully completed they shall receive a certificate for the same.

The above is an enumeration of the studies ; their order in the course and the relative emphasis placed upon each are determined by the principal of each school, with the approval of the visitors of that school.

It also needs to be stated that, while the foregoing list of subjects marks out the field covered in the school curriculum, it gives no adequate idea of the actual work done. It is made a special aim to seize every opportunity to give the pupils the benefit of whatever tends to fit them for the work of teaching. The spirit of this endeavor pervades the whole school. It influences the mode and character of most of the exercises, and imparts to the whole work a tone and zest difficult to describe, but which determines whatever of distinct character the normal school possesses.

LEAVE OF ABSENCE. — It is often the case that, through weak health or stress of circumstances, pupils may be obliged to miss one, two, three or more terms. It is in the interest of such that the course need not be pursued uninterruptedly to the end. Students may, and often do, obtain leave of absence to teach or to rest, and resume their work afterwards. This divides, but of course does not shorten, their course of study.

TERMS OF TUITION. — Tuition, and also the use of all text-books and necessary school stationery (except drawing materials), are free to such as intend to teach in the public schools of Massachusetts, *whether residents of this State or not*. Those whose purpose is to teach in other States or in private schools are required to pay in advance fifteen dollars a term (thirty dollars a year) for tuition.

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#### EXPLANATIONS AND REMARKS.

[Signature]





CHILDREN'S CLASS (1893).

Important data are thus provided for an estimate of the ability of students to instruct and control ordinary pupils in our common schools. The additional six months of preparation required for the experience secure increased maturity of body and mind; and the students of this school, with very few exceptions, eagerly avail themselves of their opportunity.

The main object of the apprenticeship is, however, to give the student practical acquaintance with the teaching of children through daily observation and practice under supervision, direction and criticism.

Our graduates, after the lapse of a sufficient number of years for them to estimate the effects of the apprenticeship upon themselves, testify almost unanimously to its great value. Some regard it as "the most important term in the whole course of the normal school."

"By the kindly criticism of my teachers I was enabled to correct many faults before I became confirmed in them. I also gained many important ideas in school management that have been of great service to me."

"Even after four years I frequently find myself influenced in ordering or planning my work by memories of my apprenticeship."

"It helped me to see the practical side of teaching, and showed me some of the difficulties which I should have to meet when I became a teacher."

The school board of the city of Worcester heartily approve the apprenticeship, on the ground of the benefit accruing indirectly to the city schools through the greater fitness of the apprentices to become teachers.

As the student of the normal school who passes successfully through the period of apprenticeship receives a certificate of the fact in connection with his diploma at graduation, the extra time required for the experience must in almost every case be more than made good by the greater probability of securing a position, and the greater likelihood of success at the outset of the teacher's career.

There are, however, individuals in the school for whom it is impossible or impracticable to undertake this special preparation. The apprenticeship is not enforced upon any student; it is simply recommended. Individuals who do not enter upon it enjoy all the advantages of the school, with this single exception.

#### THE STUDY OF CHILDREN.

The school is much indebted to Dr. G. Stanley Hall for a suggestion that the study of psychology might be pursued in part by the

original observation of children. From his idea as a starting-point, a scheme for this purpose has been worked out and adopted as a permanent part of the school curriculum.

The principal requests the students to observe the conduct of children in all circumstances, — at home, at school, in the street, at work, at play, in conversation with one another and with adults, — and record what they see and hear as soon as circumstances will permit. When the nature of the work is explained to the school, great emphasis is placed upon the necessity of having the records genuine beyond all possibility of question; of having them consist of a simple, concise statement of what the child does or says, without comment by the writer; of making both the observation and the record without the knowledge of the child; and of noting the usual, rather than the unusual, conduct of the individuals observed.

For convenience in classification, blanks of six colors are provided for the records. White paper is used for such observations as students make themselves; red, for well-attested ones reported by others; yellow, for reminiscences of their own childhood; green, for mention of whatever they read on the subject; blue, for exceptional or defective children; and chocolate, for observations that extend continuously over a period of time. Each blank has the following heading: —

[STATE NORMAL SCHOOL AT WORCESTER.]

#### STUDY OF CHILDREN.

"I worked on true Baconian principles, and without any theory collected facts on a whole-sale scale . . . ." — *Duricin, Autobiography*.

1. Date, . . . . .
2. Observer's name, . . . . . age, . . . . .  
P. O. address, . . . . .
3. Name (or initials) of person (child) observed, . . . . .  
sex, . . . . . ; nationality, . . . . . age (yrs. and mos.), . . . . .
4. Length of time between making the observation and recording it . . . . .

RECORD.





CORNER OF STUDENT'S ROOM (Stoddard Terrace).



If the record is from hearsay, the names of both recorder and observer must be given.

Pupils write the records at their convenience (immediately after making the observation is the best time) and put the papers in a designated place. A teacher reads them from time to time and classifies them under the heads knowledge, reflection, imagination, conscience, feeling, play, etc.

Both teachers and pupils feel that no other part of the pedagogical training has so direct an influence in developing the qualities most sought in a teacher. It is clearly manifest that it awakens curiosity concerning the phenomena of child-nature, excites intelligent sympathy with children, and contributes to skill in discipline and instruction. Graduates and apprentices give abundant testimony on all these points.

The work of making observations is not compulsory, but nearly all members of the school engage in it from genuine interest. A few selected papers are placed from time to time where they may be read by all who care for them. How far these serve as stimulus and example is not known; but every day, not excepting the first day of a term, brings its supply of records, even though the subject may not have been explicitly mentioned for months. It is indeed the most nearly self-sustaining exercise in the school.

Many valuable records are reports of what is seen in the street on the way to or from school, but perhaps the highest value attaches to the reminiscences of the observer's own childhood. To recall one's own feelings, motives and conduct, in circumstances that are repeated in the life of every child, proves, as might be expected, in a high degree salutary, and affects sensibly the manner of judging others. The frankness and humor with which this kind of report is made are often very interesting.

Systematic instruction in psychology is aided both in the way of preparation and supplement by this additional study. Pupils are thus furnished at the outset with facts of their own observation, which serve as elementary materials for scientific classification and study; they have a habit of observing a certain class of phenomena, and have received suggestions and cautions that are of service to them in other departments; they are able to pass more easily to mental science, because they have learned that that, as well as natural science, can be pursued by an objective method; they have an already awakened and active interest in the subject that gives them

pleasure in learning general principles, sometimes in part known by their own observations ; and, moreover, they attach a different value to a text-book which they see is a natural outgrowth of an experience like their own.

As all students make observations, some records have no value apart from the wholesome endeavor that made them ; but a progress in the significance of the things noticed and in the manner of recording them is apparent. During the latter part of a term the proportion of significant and valuable papers is greater than during the first part. All papers are carefully preserved (about two thousand have been collected each year), and it is hoped that they may be of value to students of child-nature ; but the primary object of collecting them is the training of prospective teachers, and so highly does the work commend itself as a means to this end, that, if nothing ulterior to this is gained, complete satisfaction and no disappointment will be experienced.

Those who may desire a fuller exposition of the method and its results are referred to *The Pedagogical Seminary* (Clark University), Vol. I., No. 2, and Vol. II., No. 3 ; also, *The Educational Review* for December, 1893.

#### PLANT STUDY.

Considerable emphasis is laid on the study of plants in this school, as being perhaps the branch of natural science best adapted to our public schools. This has come to mean with us a great deal more than mere technical botany, of which, indeed, we have comparatively little.

Effort is made by means of the collection and study of plants to awaken our pupils to a consciousness of all out-door things, to extend and refine their observation and develop an interest in nature that shall be genuine and lasting. The regular class instruction is made to extend throughout a year, in order to give opportunity for the study of all stages of plant life. All students collect specimens, thus gaining acquaintance with the natural conditions of their growth, and, according to the season, buds, leaves, flowers and fruits are studied and classified. For practical work in germination each pupil is furnished with a flower-pot, and encouraged to make experiments with a variety of seeds and to exhibit results. Many kinds of winter buds are opened in the house, and the characteristic vernalization of shrubs and trees noted. Forms of leaves are preserved by means of

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impressions made in printers' ink ; flowers are pressed and mounted for the school herbarium ; other parts of plants are fixed on cardboard and temporarily preserved, such as seed vessels, twigs, buds, bark, etc. Several more extensive collections have also been made ; one of seeds, one of leaves of trees growing in Worcester County, one of flowers growing naturally on the school grounds, one (small as yet) of our native woods. Considerable study is made of our common indigenous trees, particularly their characteristic appearance in the different seasons. Directories have been made of the localities of trees and flowering plants in the vicinity, and records of their times of blossoming from year to year. Special blanks, similar to those used in our study of children, are furnished for recording particular observations. A daily exhibit is made by the pupils in turn, extending throughout the year, of some single plant in bud, leaf, flower or fruit, with its common and scientific names. Topics of wide general interest are assigned from time to time for students to read and report upon, such as connection of forests with water supply, plants named in the Bible, geographical distribution of plants, etc. Much is made of the autumn color display, leaves being brought in every day and exhibited on screens, as well as placed in glass frames and hung in windows to be seen by transmitted light. In object drawing great use is made of plant forms. Our library is particularly rich in the literature of out-door nature, and much of the reading of our students is in this direction. Twice a year an Arbor Day is set apart for a practical application of what has been learned as to soils, planting, transplanting, pruning, etc., and not only on those days but all through the growing season the pupils of the school, divided into six groups and under leaders of their own choosing, take the whole charge of that number of beds or "pockets" and finally put them in order for the winter.

#### DRAWING.

The class work includes the following topics : —

1. Blackboard drawing (illustrative, and extending throughout the course).
2. Color. Scales of color (standards) ; harmonies of color ; elementary design.
3. Clay modelling.
4. Paper cutting ; splint laying.

5. Mechanical drawing. Geometric problems; working drawings; development of surfaces.

6. Plant forms. Budding twigs; leaves; flowers; seed vessels.

7. Applications of color. Hues, and "broken" colors; arrangements in design; historic ornament.

8. Model and object drawing.

The method is based on the idea that drawing is a language, and from the first the student is encouraged to use this language daily, especially at the blackboard. In every class and every subject where language is used a premium is put on any drawing, however rude, that can serve as an added means of expression. Stress is therefore laid upon courage and intelligence in every effort, rather than the mere manual dexterity that may be a natural gift or may come by practice.

### CHILDREN'S CLASSES.

#### KINDERGARTEN CLASS.

The kindergarten class has numbered thirty children between three and five years old, including both sexes in equal numbers, and has continued in charge of Miss E. Louise Richards, an accomplished and experienced kindergartner, assisted by Miss Olive Russell, a graduate (1889) of the normal school.

The class occupies a beautiful and sunny suite of rooms in the south-west corner of the ground floor, and is the object of great attraction and interest on the part of students and teachers. It is made serviceable to our pupils for purposes of daily observation and study, but not for practice. The class affords excellent opportunities for certain lines of child study and for experimentation in elementary teaching and the care and management of young children; and it exhibits to our students the earliest forms and phases of the work which they are to undertake in its next stage.

The sessions are held from 9 till 12 every week-day except Monday, with holidays and vacations coinciding with those of the normal school.

Only children who are in good health and who have been vaccinated are received.

No charge is made for tuition, and no obligation to follow any regular course of instruction or training is assumed.

The presence of visitors (except the parents of the children) was

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found to interfere seriously with the work of the class, and we were therefore reluctantly compelled to except this class from general visitation.

#### PRIMARY CLASS.

As following the kindergarten class, there will be established, in September (1895), a year's instruction for older children.

The conditions of admission to this primary class will be substantially the same as those enumerated above for the kindergarten class, except that the children *must in all cases be past their fifth and not past their seventh birthday when admitted.*

The class will be in charge of a thoroughly competent teacher, and will not be used for practice teaching.

Children may be promoted to this class from the kindergarten class, or they may enter without any previous schooling whatever.

The hours of attendance will be the same as in the kindergarten class.

Personal application should be made beforehand to the principal. Only twenty-eight pupils — fourteen of each sex — will be received.

#### GENERAL FACILITIES.

**INCIDENTAL ADVANTAGES.** — Important facilities for general improvement are offered to pupils in the libraries, institutions and other means of culture in which Worcester is rich.

The extensive and well-arranged museum of the Worcester Natural History Society is open for inspection, and specimens in all departments can be borrowed by teachers and students, and taken to the school for purposes of study and illustration.

The hall of the American Antiquarian Society contains a notably rich store of interesting exhibits, and the library includes a rare treasury of books pertaining to American history.

The free public library stands almost unique among the institutions of the kind in this country for the effective relationship existing between it and the schools. Its large and well-endowed reference library, its well-filled circulating department, its reading-rooms, supplied with the leading domestic and foreign papers and periodicals, afford exceptional opportunities to the schools. Special facilities are offered to teachers and pupils, and the librarian is unsparing in his efforts to render every aid in the choice and use of books, or in any way in which he can assist the reader.

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**RAILROAD FARES.** — The six lines of railroad centring in Worcester afford easy communication with the neighboring towns and villages. Season tickets or mileage tickets are issued to pupils of the normal school at greatly reduced rates, and the daily sessions of the school are so arranged as to accommodate those who wish to come and go by the cars.

### GENERAL INFORMATION.

**BOARD AND ROOMS.** — Students are advised to board in the city if possible. Not much is saved pecuniarily by those who go in and out every day by rail, and the loss of time and the incidental exposure put them at serious disadvantage.

### STODDARD TERRACE,

previously described, affords very superior furnished rooms — *it is not a boarding-house, but a dormitory* — for about twenty students and teachers. Those who lodge here find table board in families near at hand. The terms are \$38 for the school year, and no deduction is made for temporary absence. No student is received for less than a half-term. Further particulars may be obtained from the principal, to whom early application for rooms should be made.

Other boarding places in respectable private families in the neighborhood, approved by the authorities of the institution, are easily obtained. To such as seek information or advice in this direction the principal is ready to give every assistance in his power.

The average cost of board in families (generally including fuel, light and washing) has been ascertained to be \$4 to \$4.50 per week.

**INCIDENTAL EXPENSES.** — The necessary incidental or miscellaneous expenses have averaged about five dollars for each pupil for the term, or ten dollars a year.

These averages imply strict economy on the part of pupils, and in making an estimate of expenses it would probably be unsafe to go below the above figures.

### STATE AID.

The Commonwealth has regularly appropriated several hundred dollars a year to each of its normal schools, to be divided among such pupils as are most needy and deserving. This school of course

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receives its proper share of such funds, and is able to render assistance to a number of students each year.

The State also gives the use of all the text-books required in the course, as well as free access to an ample and well-selected library of reference and general literature.

#### NORMAL SCHOOL SCHOLARSHIPS AT HARVARD.

There are eight scholarships in the scientific school of Harvard University for the benefit of graduates of the State normal schools. The annual value of each of these scholarships is one hundred and fifty dollars, which is the price of tuition, so that the holder of the scholarship gets his tuition free.

The incumbents are originally appointed for one year, on the recommendation of the principals of the schools from which they have been severally graduated. These appointments may be annually renewed, on the recommendation of the faculty of the scientific school.

#### TO VISITORS.

A hearty invitation is extended to the parents and friends of pupils — to all, in fact, who may feel inclined — to visit the school, and see the current and method of its daily working. *The first two and last two weeks of a term are, obviously, the least favorable times for a visit.*

The school committees and superintendents of the neighboring towns are particularly and earnestly urged to make themselves acquainted with this school, — especially designed, as it is, to aid them in their work of improving our public instruction, — and to introduce to its advantages such young teachers of promise as aspire to more thorough preparation for their calling.

The school is not in session on Mondays. On other days the hours (leaving out the noon recess) are from nine o'clock to four, an arrangement that has been found the most convenient for ninety-six per cent. of the pupils.

## APPENDIX.

## GRADUATES.

NOTE. — All the graduates have been examined and approved as teachers for the schools of Worcester by the examining committee of the school board of the city.

When any change of name or residence has been reported it is indicated immediately under the name and residence at the time of graduation. Graduates will see that it is very desirable to have notice of such changes promptly sent to the principal.

FIRST CLASS, JULY, 1876.	
NAMES.	RESIDENCES.
Lydia Walker Ball, . . . . .	Upton.
Harriet Crook, . . . . .	Valley Falls.
Mrs. Fred. Snider, Northampton.	
Ella Eudora Goddard, . . . . .	Worcester.
Ella Jane Lyford, . . . . .	Spencer.
Died in Worcester, Jan. 30, 1891.	
Joseph Chauncey Lyford (Secretary), . . . . .	Spencer.
Worcester.	
Marianna Newton, . . . . .	Worcester.
Mrs. Henry E. Chace, Fall River.	
Alice Vara Proctor, . . . . .	Spencer.
Mrs. Nathan A. Cobb, Sydney, Australia.	
Hannah Arabella Tucker, . . . . .	North Brookfield.
Celia Eliza Whiteman, . . . . .	Le Roy, N. Y.
Mrs. George H. Marsh, Kenmore, N. Y.	
Fanny Alberta Williams, . . . . .	Worcester.
SECOND CLASS, JANUARY, 1877.	
Frances Maria Athy, . . . . .	Worcester.
Effie Lillian Bennett (Secretary), . . . . .	Worcester.
Mrs. J. J. Miller, Waltham.	
Sarah Ann Boyd, . . . . .	Cherry Valley.
Florence Emily Brown, . . . . .	East Douglas.
Mrs. Horace B. Martin, East Douglas.	
Harriet Abigail Brown, . . . . .	East Douglas.
Somerville.	



STATE NORMAL SCHOOL AT WORCESTER.

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NAMES.	RESIDENCES.
Ellen Cecelia Carroll, . . . . .	Worcester.
nie Lullona Dearborn, . . . . .	Worcester.
ra Amelia Grout, . . . . .	Worcester.
Mrs. John W. Nichols, Barre, Vt.	
ly Jane Hall, . . . . .	Upton.
Mrs. Henry L. Patrick, Hopedale.	
trude Hawkins, . . . . .	Fitchburg.
Mrs. Charles F. Wilson, Bakersfield, Cal.	
gusta Seaver Houghton, . . . . .	Wilkinsonville.
Mrs. Louis E. Chase, Wilkinsonville.	
le Devereaux Johnson, . . . . .	Worcester.
Mrs. James Logan, Worcester.	
ena Adelaide Marie Kalaher, . . . . .	Worcester.
trude Mitchell King, . . . . .	Nantucket.
garet Jane McCann, . . . . .	Worcester.
y Elizabeth Murphy, . . . . .	Worcester.
Philadelphia, Penn.	
nette Maria Putnam, . . . . .	Northbridge.
Mrs. Edward E. Clark, Auburndale.	

THIRD CLASS, JULY, 1877.

rie Maria Adams, . . . . .	Worcester.
ma Abbie Bigelow, . . . . .	Holden.
Mrs. E. C. Houghton, Newtonville.	
Frances Boyden, . . . . .	Oakham.
Mrs. Alvin H. Brown, East Douglas.	
ny Ellis Chandler, . . . . .	Duxbury.
sie Alice Chase, . . . . .	Worcester.
Mrs. Edmund P. Capron, Springfield.	
epha Percy Chase, . . . . .	Worcester.
Mrs. George B. Cowell, East Norwalk, Conn.	
le Agnes Coughlin, . . . . .	Worcester.
Mrs. David L. Bradt, Worcester.	
bel Crane, . . . . .	Blackstone.
Mrs. W. Henry DeLong, Worcester.	
ry Rebecca Doherty, . . . . .	Worcester.
Mrs. Thomas D. Connolly, Beverly Farms.	
za Ann Fairbanks, . . . . .	Westborough.
Mrs. C. H. Hersem, Westborough.	
en Montgomery Fitts, . . . . .	Worcester.
Mrs. Robert M. Higgins, Grand Rapids, Mich.	
ry Elizabeth Fitzgerald, . . . . .	Worcester.
Louise Gaskill, . . . . .	Blackstone.
Mrs. William O. Bement, Worcester.	
t Eudora Hall, . . . . .	Worcester.
Mrs. Alfred C. Bradish, Worcester.	

NAMES.	RESIDENCES.
Mary Field Harrington, . . . . .	Worcester.
Anna Beatrice Hopkins, . . . . .	Worcester.
Mrs. John H. Leland, Worcester.	
Olive Rice Jenks, . . . . .	Spencer.
Mrs. Benjamin S. Crocker, Chicago, Ill.	
Lucia Naomi Jenuison, . . . . .	East Templeton.
Cambridge.	
Mary Ann Kean, . . . . .	Worcester.
Mrs. James Early, Worcester. Died in Worcester, Oct. 9, 1891.	
Katie Ann McCarthy, . . . . .	Worcester.
Mrs. Thomas F. Boyle, Worcester.	
Anna Maria Murray, . . . . .	Worcester.
Minnie Willetta Sherman, . . . . .	Worcester.
Anna Maud Smith, . . . . .	Worcester.
Mrs. Otis A. Merrill, Lowell. Died in Lowell, April 30, 1886.	
Hattie Urania Thwing, . . . . .	Worcester.
Mrs. Charles F. Smith, Worcester.	
Annie Teresa Timon, . . . . .	Worcester.
Isabella Livingston Tullis, . . . . .	Worcester.
Mrs. Belle T. Harding, Brooklyn, N. Y.	
Jenny Abble Whitney (Secretary), . . . . .	Worcester.
Mrs. Henry H. Browning, Hubbardston.	

## FOURTH CLASS, JANUARY, 1878.

Lizzie Joanna Andrews, . . . . .	Worcester.
East Milton.	
Addie Jane Booth (Secretary), . . . . .	Worcester.
Mrs. Alvarado A. Coburn, Worcester.	
Ella Agnes Casey, . . . . .	Worcester.
Elizabeth Edwina Chapin, . . . . .	Worcester.
Jennie Cora Clough, . . . . .	Worcester.
Mrs. George A. Busby, Worcester.	
Edna Currier, . . . . .	Worcester.
Mrs. Amory C. Holden, Worcester.	
Anna Crosby Cutting, . . . . .	Templeton.
St. Paul, Minn.	
Katie Anna Fallon, . . . . .	Worcester.
Mrs. Thomas W. Butler, Worcester.	
Addie Eliza Kendall, . . . . .	Worcester.
Mrs. William E. Waltt, Worcester.	
Armina Lillian Paul, . . . . .	Worcester.
Mrs. James C. Stewart, Worcester. Died in Worcester, Sept. 13, 1893.	
Lilla Maria Rice, . . . . .	Grafton.
Mrs. Charles L. Ware, Grafton.	
Fanny Louise Smythe, . . . . .	Worcester.
Mrs. John F. Kyes, Worcester. Died in Worcester, April 19, 1882.	

NAMES.	RESIDENCES.
Marietta Sykes, . . . . .	Blackstone.
Mrs. Edward D. Brown, Minneapolis, Minn.	
Mary Alice Winter, . . . . .	Northbridge.
Mrs. Harold Foss, Northbridge.	

## FIFTH CLASS, JULY, 1878.

Nettie Eliza Adams, . . . . .	Fitchburg.
Mrs. J. Chauncey Lyford, Worcester.	
Elizabeth Estelle Bent, . . . . .	South Gardner.
Mrs. Elizabeth B. Eaton, South Gardner.	
Emna Frances Brown, . . . . .	Worcester.
Isabella Newton Eddy, . . . . .	Leicester.
Mrs. Charles T. Newton, Millbury.	
Mary Abby Hayward, . . . . .	Ashby.
Mrs. Thomas A. Callahan, Worcester.	
Mary Elizabeth Houghton (Secretary), . . . . .	Worcester.
Mrs. C. David White, Washington, D. C.	
Isabel Pemberton Morey, . . . . .	West Brookfield.
Harriet Betsey Sargent, . . . . .	South Gardner.
Philadelphia, Penn.	
Carrie Angelicia Smith, . . . . .	Worcester.
Mrs. Herbert W. Chamberlain, Worcester.	
Nellie Blake Webber, . . . . .	Worcester.
Mrs. Winslow S. Lincoln, Worcester.	

## SIXTH CLASS, JANUARY, 1879.

Jennie Irene Adams, . . . . .	Fitchburg.
Mrs. Carl F. Martensen, Springfield.	
Hattie Woodward Arnold, . . . . .	Westborough.
Mrs. D. O. Clark, Worcester.	
Emma Buckley, . . . . .	Worcester.
Mary Rosalie Goddard (Secretary), . . . . .	Worcester.
Mary Emma Hastings, . . . . .	Westborough.
Waltham.	
Jennie Leonora Higgins, . . . . .	Worcester.
Mrs. J. Edward Smith, Worcester.	
Effie Frances Kinne, . . . . .	Plainfield, Conn.
Mrs. Edwin D. Goodell, Brookfield.	
Katie Agatha McLoughlin, . . . . .	Worcester.
Hattie Stearns Putnam, . . . . .	Worcester.
Sarah Elizabeth Rogers, . . . . .	Worcester.
Mrs. Edwin N. Sanderson, Newton Centre.	
Adeline Estelle Sprague, . . . . .	Worcester.
Mrs. Fred. F. Sprague, Worcester.	
Marion Capitola Tucker, . . . . .	North Brookfield.
Mrs. Frederick N. Hunter, Spencer.	

## SEVENTH CLASS, JULY, 1879.

NAMES.	RESIDENCES.
Eugene Bacon, . . . . . Nobscot.	Framingham.
Mary Ella Clark, . . . . .	Paxton.
Susan Drake, . . . . . Died in Spencer, June 16, 1888.	Spencer.
Maggie Agnes Flaherty, . . . . .	Worcester.
Emma Lorette Giffin, . . . . . Mrs. Charles H. Wright, Wilmington, Del.	Templeton.
Katie Elizabeth Kenney, . . . . . Waltham.	Worcester
Ellen French Lindsay, . . . . . Worcester.	Grafton.
Henrietta Agnes Murray (Secretary), . . . . .	Worcester.
Anna Harriet Newton, . . . . . Mrs. Fred W. Barnes, Worcester.	Paxton.
Edwin Thomas Painter, B S., . . . . . Edwin Thomas Painter, M.D., Redlands, Cal.	Worcester.
Emma Miller Plimpton, . . . . . Worcester.	Northbridge.
Mary Agnes Rourke, . . . . .	Worcester.
Mary Abbie Sanborn, . . . . . Mrs. George B. Paddock, Minneapolis, Minn.	West Baldwin, Me.
Abby Brewer Shute, . . . . .	Auburn.

## EIGHTH CLASS, JULY, 1880.

Sarah Maria Averill, . . . . .	Plainfield, Conn.
Cora Anna Baldwin, . . . . .	Worcester.
Mary Elizabeth Barnard, . . . . . Mrs. William J. D'Ewart, Brooks Station.	Harvard.
Mary Mend Bowen, . . . . . Worcester.	Mianus, Conn.
Mary Etta Buxton, . . . . . Mrs. Robert W. Robinson, Worcester.	Worcester.
Sarah Maria Davis, . . . . .	Webster.
Daisy Alice Miranda Fairchild, . . . . . Mrs. Sidney A. Sherman, Providence, R. I.	Worcester.
Hattie Grant Gates (Secretary), . . . . .	Worcester.
Mary Gertrude Griggs, . . . . .	Worcester.
Etta Lorenda Hill, . . . . . Mrs. Edward H. Forbush, Medford.	West Upton.
Caroline Elizabeth Howe, . . . . .	Paxton.
Mary Anne Kane, . . . . . Mrs. John A. Howard, Spencer.	North Brookfield.

NAMES.	RESIDENCES.
Harriet Lighbourn, . . . . .	Worcester.
Mrs. Harry W. Cobb, Worcester.	
Alice Eliza Meriam, . . . . .	Worcester.
Emma Sophronia Peiree, . . . . .	Leicester.
Died in Worcester, March 26, 1884.	
Nellie Louisa Pierce, . . . . .	Chesterfield, N. H.
Mrs. Frederic W. Fogg, Providence, R. I.	
Rosa Isabelle Seavey, . . . . .	Worcester.
Mrs. William C. Howe, Roxbury.	
Anna Philena Smith, . . . . .	Central Village, Conn.
Maude Mary Smith, . . . . .	Grafton.
Mrs. S. G. Lynn, Saunderville.	
Marina Harwood Tucker, . . . . .	North Brookfield.
Mrs. Wilber W. Hobbs, Worcester.	

## NINTH CLASS, JULY, 1881.

N. B. — Graduates whose names are marked with (A) have, besides passing through the regular course of study, served for a half year as apprentices (see page 25) in the public schools of the city of Worcester.

Selma Petronella Ahlstrom (A), . . . . .	Worcester.
Mrs. J. O. Emanuel Trotz, Worcester.	
Hattie Bond Andrews (A), . . . . .	Worcester.
Olive Maria Butler, . . . . .	Worcester.
Mrs. Charles F. Howard, Orange. Died in Meriden, Conn., Dec. 22, 1890.	
Ellda Maria Capen (A), . . . . .	Charlton.
Lausanne, Switzerland.	
Rebecca Harlow Davie, . . . . .	Worcester.
Wilton Herbert Desper, B.S., . . . . .	Worcester.
Edward Doolittle Fitch, . . . . .	Worcester.
Edward Doolittle Fitch, M.D., Worcester.	
Anna Trask Kelley (A), . . . . .	Worcester.
Alice Caroline Mason (A) (Secretary), . . . . .	Worcester.
Mrs. George F. Barnard, Worcester.	
Mary Emily McCormick (A), . . . . .	Worcester.
Mrs. Edward W. Erwin, Worcester.	
Catherine Theresa Nevins (A), . . . . .	Nantucket.
Georgianna Maria Newton (A), . . . . .	Worcester.
Bertha May Peckham (A), . . . . .	Southborough.
Mrs. Elmer I. Balcom, Whitinsville.	
Elizabeth Nettie Robinson, . . . . .	Templeton.
Mrs. W. S. Hincks, Worcester.	
Angenette Ethelinda Stone (A), . . . . .	Northbridge.
Minneapolis, Minn.	
Jennie Matilda Tainter (A), . . . . .	Worcester.
Mrs. James H. Sutton, Worcester.	

## TENTH CLASS, JANUARY, 1882.

NAME.	RESIDENCES.
Florence Bicknell (A), . . . . . Died in Boston, May 28, 1885.	Rowe.
Alice Chapin (A), . . . . .	Auburn.
Abbie Mitchell Dorr, . . . . .	Southborough.
Mary Blake Dudley (A), . . . . . Mrs. W. B. Beach, Jr., New York City.	Worcester.
Emma Gertrude Goodwin (A), . . . . .	Worcester.
Abbie Callista Hale, . . . . . Provo City, Utah.	Hubbardston.
Lizzie Frances Jones (A), . . . . .	Lunenburg.
Fransess Dolbell Martin, . . . . . Mrs. Adam Creelman, Brooklyn, N. Y.	Worcester.
Ida Marion McCambridge (A) (Secretary), . . . . .	Worcester.
Elizabeth Adelaide Potter, . . . . .	Worcester.
Mary Ella Proctor (A), . . . . . Mrs. Henry B. Quimby, Worcester.	Worcester.
Anna Bush Ranger (A), . . . . . Mrs. Elmore F. Johnson, Worcester.	Worcester.
Sarah Lydia Sawyer, . . . . . Mrs. John W. Jigger, Hyde Park.	Fitchburg.
Caroline Isabel Stone (A), . . . . . Mrs. William Woodward, Worcester.	Auburn.
Mabel Burnside Tew (A), . . . . . Mrs. Hiram E. Barnard, Worcester.	Worcester.
Anna Laura Wells (A), . . . . . Mrs. Benjamin T. Henry, Rowe.	Rowe.
Mary Blanche Wheatley (A), . . . . . Died in Worcester, Feb. 7, 1886.	Worcester.

## ELEVENTH CLASS, JUNE, 1882.

Harriet Almira Baker, . . . . .	Phillipston.
Addie Maria Blenus, . . . . . Mrs. J. William Patston, Framingham.	Worcester.
Anna Theresa Cavanaugh (A), . . . . .	Worcester.
Louis Richards Condry, . . . . . Died in Groton, June 24, 1892.	Groton.
Ann Foskett (A), . . . . . Worcester.	Webster.
Mary Elizabeth Horgan (A), . . . . . Mrs. John J. Brennan, Worcester.	Worcester.
Mary Eliza Jenks (A), . . . . . Mrs. George S. Boutelle, Worcester.	Spencer.
Julia Ardelle Mann (A), . . . . . Millville.	Blackstone.

NAMES.	RESIDENCES.
Edwin Scott Matthews, B.S., . . . . .	Worcester.
Boston.	
Grace Emily Pearl (A), . . . . .	Southborough.
Mrs. Albert C. Brown, Fitchburg. Died in Fitchburg, Feb. 20, 1891.	
Ada Dora Saunders (A), . . . . .	Worcester.
Mrs. John W. Dodd, Worcester.	
Jennie Melenda Sprout, . . . . .	Worcester.
Died in Worcester, Feb. 24, 1886.	
Anna Daniels Stowell (A) (Secretary), . . . . .	Worcester.
Mrs. George H. Johnson, Worcester.	
Mary Florence Stratton (A), . . . . .	Millbury.
Mrs. Walter N. Walling, Auburndale.	

## TWELFTH CLASS, JANUARY, 1883.

Martha Dowse Adams (A), . . . . .	Worcester.
Boston.	
Harriet Annie Colton, . . . . .	Oxford.
Mrs. Frederick A. Wellington, Webster.	
Mary Ellen Convery (A), . . . . .	Worcester.
Mrs. William H. O'Hara, Boston.	
Hannah Mary Kickham (A), . . . . .	Worcester.
Mary Catherina Morrissey (A), . . . . .	Worcester.
Mrs. John F. Holian, Worcester.	
Mabel Piper (A), . . . . .	Worcester.
Mrs. Orestes T. Doe, Franklin.	
Anna Theresa Smith (A), . . . . .	Worcester.
Mary Celia Smith (A) (Secretary), . . . . .	Worcester.
Etta Melissa Thayer (A), . . . . .	Worcester.
Died in Worcester, Jan. 14, 1894.	
Etta Theresa Whalen (A), . . . . .	Worcester.

## THIRTEENTH CLASS, JUNE, 1883.

Ada Bartlett Braman, . . . . .	Worcester.
Mrs. Charles L. Tower, Roxbury.	
Minnie Anna Burgess Chase, . . . . .	Worcester.
Mrs. Frank E. Whitehouse, Worcester.	
Louise Frances Clark (A), . . . . .	Paxton.
Mrs. William F. Brown, Roxbury.	
Mary Louise Gafney (A), . . . . .	Worcester.
Alphonsine Talon L'Esperance (A), . . . . .	Worcester.
Died in St. Hyacinthe, Que., Jan. 1, 1887.	
Mary Frye Lewis, . . . . .	Willimantic, Conn.
Mrs. Edward E. Johnson, Chicago, Ill.	
Mary Alice Marshall, . . . . .	Still River.
Manchester, N. H.	

NAMES.	RESIDENCES.
Mary Agnes McGillicuddy, . . . . .	Worcester.
Jessie Moore Nichols, . . . . .	Auburn.
Worcester.	
Jennie Mitchell Perrin, . . . . .	Westborough.
Mrs. Frederick A. Richardson, Worcester.	
Alice Valentine Phelps, . . . . .	Worcester.
Estella Virginia Rolston (A) (Secretary), . . . . .	Worcester.
Mrs. Louis L. Balch, Paterson, N. J.	
Jeannle Elizabeth Sanderson (A), . . . . .	Worcester.
Mrs. Sydney H. Elliot, Worcester.	
Mary Gertrude Smith (A), . . . . .	Worcester.
Mrs. James M. Cronin, Millbury.	
Agnes Rose Stewart (A), . . . . .	Worcester.
Abbie Josephine Taft (A), . . . . .	Worcester.
New York.	
Lizzie Minnie Urban, . . . . .	South Westminster.
Mrs. Charles N. Chapin, Worcester.	
Octavia Howard Vaughan (A), . . . . .	Worcester.
Hattie Louisa White, . . . . .	Boylston Centre.
Mrs. Daniel Lynch, Boylston Centre.	
Margaret Osgood Whitney, . . . . .	Worcester.
Mrs. Frederick W. Blackmer, Worcester.	
Grace Carpenter Williams (A), . . . . .	Gardiner, Me.
Mrs. Charles S. J. Ruggles, Gardiner, Me.	

## FOURTEENTH CLASS, JANUARY, 1884.

Mary Louise Blenus (A), . . . . .	Worcester.
Died in Millbury, Feb. 6, 1887.	
Daniel Henry Casey, . . . . .	Worcester.
Ellen Gertrude Daley (A), . . . . .	Worcester.
Adella Teresa Gauren (A), . . . . .	Worcester.
Eliza Tainter Gilbert, . . . . .	Worcester.
Mrs. George Day, Providence, R. I.	
Eudora Estella Hay (Secretary), . . . . .	Worcester.
John Edward Lynch, . . . . .	Worcester.
Nellie Abbie Robbins (A), . . . . .	Rochester, N. Y.
Mrs. Henry W. Sykes, Pittsfield.	

## FIFTEENTH CLASS, JUNE, 1884.

Maria Fernald Bosworth (A) (Secretary), . . . . .	Worcester.
Maud Loetta Davis (A), . . . . .	Worcester.
Ellen Francis Fallon, . . . . .	Worcester.
Mrs. James F. Guerin, Worcester.	
Margaret Francis Hagan, . . . . .	Worcester.
Lilla Ingalls, . . . . .	East Templeton.
Mrs. Albert D. Felch, Sunapee, N. H.	



NAMES.	RESIDENCES.
<b>Mary Jessie King,</b> . . . . . Mrs. Frank H. Buxton, Leicester.	Middleville, N. Y.
<b>Etta Rosella Leonard (A),</b> . . . . . Mrs. Irving E. Comins, Worcester.	Worcester.
<b>Mary McCann (A),</b> . . . . . Mrs. John Alfred Johnson, Chicago, Ill.	Leominster.
<b>Anna Gertrude Melanefy (A),</b> . . . . . Died in Worcester, Nov. 30, 1885.	Worcester.
<b>Annie Ward Newell (A),</b> . . . . .	Millbury.
<b>Helena Bridget O'Keefe,</b> . . . . . Providence, R. I.	Worcester.
<b>Edith Marietta Rolston (A),</b> . . . . .	Worcester.
<b>Mary Lucy Seavey (A),</b> . . . . .	Worcester.
<b>Alice Alberta Tatman (A),</b> . . . . . Mrs. Arthur E. Hayer, Worcester.	Worcester.
<b>Elizabeth Pickering Thompson,</b> . . . . . Mrs. Albert DeMeritt, Durham, N. H.	Durham, N. H.
<b>Katy Adaline Wilder,</b> . . . . . Mrs. R. Lincoln Chandler, Leominster.	Sterling.

## SIXTEENTH CLASS, JANUARY, 1885.

<b>Katharine Blanche Adams,</b> . . . . . Mrs. Katharine A. Crook, Worcester.	Worcester.
<b>Mary Louise Burroughs,</b> . . . . . Mrs. William A. Perkins, Lynn.	Boxborough.
<b>Minnie Jennie Condy (A),</b> . . . . . Mrs. Charles F. Pharaoh, Grafton Centre.	Worcester.
<b>Emma Florence Davis,</b> . . . . . Mrs. George K. Stone, Shrewsbury.	Shrewsbury.
<b>Cora Belle Drew,</b> . . . . .	Burlington, Vt.
<b>Anna Gertrude Foley (A),</b> . . . . .	Worcester.
<b>Julia Elizabeth Green (A),</b> . . . . .	Worcester.
<b>Lucy Maria Green (A) (Secretary),</b> . . . . . New York.	Worcester.
<b>Catharine Aloysia Hackett (A),</b> . . . . . Cambridgeport.	Worcester.
<b>Annie Maria Ham (A),</b> . . . . .	Worcester.
<b>Carrie Adaline Hildreth (A),</b> . . . . .	Worcester.
<b>Mary Anne McBride (A),</b> . . . . .	Worcester.
<b>Ellen Gertrude McGillicuddy (A),</b> . . . . . Mrs. Michael J. Halloran, Worcester. Died in Worcester, June 3, 1892.	Worcester.
<b>Mary Agnes Morrissey (A),</b> . . . . .	Worcester.
<b>Della Isabel Newbury (A),</b> . . . . . Mrs. Willis E. Knowlton, Shrewsbury.	Worcester.
<b>Carrie Louise Paige (A),</b> . . . . . Mrs. Edward S. Frary, Charlemont.	Hardwick.

NAMES.	RESIDENCES.
Ida May Parsons (A), . . . . .	Holden.
Frances May Prentice (A), . . . . .	Westborough.
Mrs. Fred S. Dearborn, Worcester.	
Hannah Sheehan (A), . . . . .	Whitinsville.
Mary Elizabeth Talbot Tandy, . . . . .	Athol.
Mrs. William T. Parsons, Holden.	
Ella Maria Wells (A), . . . . .	Deerfield.
Mrs. H. Clifford Hawks, Auburndale. Died in Auburndale, April 17, 1894.	
Alvena Betsy Williams (A), . . . . .	Paxton.
Mrs. George E. Stimson, Rochdale.	

## SEVENTEENTH CLASS, JUNE, 1885.

Ida Florence Buxton, . . . . .	Worcester.
Mrs. Adam J. Elmermann, Milwaukee, Wis.	
Cora Augusta Cooley (A), . . . . .	Worcester.
Mrs. Edward Lawton, Ayer.	
Amy Holbrook Dana (A), . . . . .	West Boylston.
Mrs. William F. Masters, Hebbardaville, Ohio.	
Minnie Alberta Davis, . . . . .	Worcester.
Carrie Elizabeth Dodd (A), . . . . .	Paxton.
Noank, Conn.	
Emily Sophia Gaskill (A), . . . . .	Mendon.
Emma Jane Goddard (A), . . . . .	Grafton.
Emma Eliza Hayward, . . . . .	Ashby.
Benjamin West Kinney (A) (Secretary), . . . . .	Worcester.
Boston.	
Georgla Hudson Lakin (A), . . . . .	Paxton.
Mrs. Charles H. Dodd, Worcester.	
Ada Alvera Mason, . . . . .	Worcester.
Died in Worcester, May 5, 1890.	
Agnes Josephine O'Gorman (A), . . . . .	Worcester.
Carrie Melinda Sweetzer (A), . . . . .	Worcester.
Florence Mabel Waite (A), . . . . .	Pittsfield.

## EIGHTEENTH CLASS, JANUARY, 1886.

Alice Lucina Bainbridge (A), . . . . .	Worcester.
Mrs. Charles S. Cook, Providence, R. I.	
Alice Rosilla Barton (A), . . . . .	Upton.
Grace Rebecca Everett (A) (Secretary), . . . . .	Worcester.
Edith May Harding (A), . . . . .	Worcester.
Sarah Wyman Hay (A), . . . . .	Worcester.
Nelly Francene Monroe (A), . . . . .	Rutland.
Mrs. Benjamin W. Kinney, Boston.	
Julia Agnes Quinn (A), . . . . .	Worcester.
Margaret Scott (A), . . . . .	Burlington, Vt.
Annie Gertrude Thompson (A), . . . . .	Worcester.
Carrie Alona Thompson (A), . . . . .	Worcester.

## NINETEENTH CLASS, JUNE, 1886.

NAMES.	RESIDENCES.
ra Jane Ball (A), . . . . . Worcester.	Grafton.
die Taylor Banister, . . . . .	Worcester.
ra Harwood Bemis, . . . . .	Spencer.
ia Meeker DeCamp (A), . . . . . Mrs. Sanford D. Leland, Winchester.	Worcester.
ry Jennie Hart (A), . . . . .	Worcester.
san Rhoda Hartwell (A), . . . . .	Oxford.
omas Joseph Higgins (A) (Secretary), . . . . .	Worcester.
ry Alice Johnson, . . . . . Mrs. George M. Howe, North Brookfield.	Westborough.
ry Elizabeth Joyce (A), . . . . .	Worcester.
rie Lauretta Maynard (A), . . . . . Mrs. William A. Davison, Utica, N. Y.	Worcester.
san Augusta Peirce (A), . . . . . Died in West Boylston, April 27, 1888.	West Boylston.
by Louise Penniman (A), . . . . .	Worcester.
ttle May Ruggles (A), . . . . .	Worcester.
nie Elizabeth Tucker (A), . . . . . Melrose.	Chelsea.
a Maria Whitney, . . . . . Mrs. Allan D. Risteen, Hartford, Conn.	Upton.
rie Howard Wilmarth (A), . . . . . Mrs. William E. Drake, Kingston, R. I.	Worcester.

## TWENTIETH CLASS, JANUARY, 1887.

rriet Louise Brewster (A), . . . . . Holyoke.	Westborough.
y Elsie Chapin, . . . . .	Worcester.
olline Gertrude Cooke (A), . . . . . Cambridge.	Worcester.
ah Leighton Dinsmore, . . . . .	Lowell.
ah Elizabeth Earley (A), . . . . .	Spencer.
rie Lincoln Fletcher (A), . . . . .	Worcester.
tion Holbrook (A), . . . . .	Worcester.
rence Holman (A), . . . . . Warren.	West Millbury.
rietta Knight, . . . . .	Worcester.
ababeth McFarland, . . . . . Died in Sutton, Jan. 7, 1891.	Sutton.
ttle Louise Partridge (A), . . . . .	Worcester.
a Deborah Elizabeth Robinson (A), . . . . .	Worcester.
an Ainsworth Smith (A), . . . . . Chelsea.	Dudley.

NAMES.	RESIDENCES.
Florence Sherman Waite (A) (Secretary), . . . . .	Worcester.
Mrs. G. Arthur Smith, Worcester.	
Lizzie Helen Wallis (A), . . . . .	North Oxford.
Margaret Louisa Walsh (A), . . . . .	Worcester.
Henrietta Maria Wright (A), . . . . .	East Templeton.

#### TWENTY-FIRST CLASS, JUNE, 1887.

Olive Minerva Barnes (A), . . . . .	Worcester.
Mrs. William C. Temple, Rutland.	
Alice Harriette Belding, . . . . .	Worcester.
Annie Josephine Butterfield (A), . . . . .	Worcester.
Lulu Louise Clarke (A), . . . . .	Worcester.
Albert Swain Colburn, . . . . .	Shirley Village.
St. Joseph, Mo.	
Anna Burgess Collier (A), . . . . .	Worcester.
Josephine Pauline Convery (A), . . . . .	Worcester.
Margaret Mary Hanley (A), . . . . .	Worcester.
Addie Maria Harthan (A), . . . . .	Worcester.
Kate Maria Healy (A), . . . . .	Worcester.
Mrs. Emile Landry, Worcester.	
Nellie Gertrude Jerome (A), . . . . .	Worcester.
Cora Emma Kemp (A), . . . . .	Worcester.
Abbie Curtis Knight (A), . . . . .	Worcester.
Emma Martha McCormick, . . . . .	Spencer.
Mrs. Albert B. Prouty, Spencer.	
Honora Lucy Murphy (A), . . . . .	Worcester.
Mary Jane Newton (A), . . . . .	Greenfield.
Mrs. Charles H. Perry, Worcester.	
Abigail Loretta O'Hara (A), . . . . .	Worcester.
Lucy Reed Poland (A) (Secretary), . . . . .	Worcester.
Mary Teresa Power (A), . . . . .	Worcester.
Miriam Frances Proctor (A), . . . . .	Spencer.
May Caroline Rogers (A), . . . . .	Worcester.
Kate Emogene Smith (A), . . . . .	Florence.
Louise Adelia Stockdale (A), . . . . .	Worcester.
Charlotte May Taylor (A), . . . . .	Bolton.
Mrs. Oliver A. Everett, Bolton.	
Bertha Caroline Yeaton (A), . . . . .	Worcester.

#### TWENTY-SECOND CLASS, JANUARY, 1888.

Jennie Ambrose Casey (A), . . . . .	Worcester.
Margaret Ann Connolly (A), . . . . .	Worcester.
Milwaukee, Wis.	
Idaline Dawley (A), . . . . .	Plainfield, Conn.
Died in Plainfield, Conn., Sept. 4, 1888.	

NAMES.	RESIDENCES.
Catherine Teresa Donnelly (A), . . . . .	Worcester.
Annie Elizabeth Fales (A), . . . . .	Westborough.
Ida Childs Gleason, . . . . .	West Brookfield.
West Groton.	
Ida Etta Leland (A), . . . . .	Upton.
Mary Mackin (A), . . . . .	Worcester.
Died in Worcester, Aug. 17, 1899.	
Fanny Richards Brewer Macomber (A), . . . . .	Worcester.
Mrs. Frank E. Elwell, Rockport.	
Edith Maria Marsh, . . . . .	Leicester.
Mrs. Loriston K. Amsden, Athol.	
Mary Gertrude Overend (A) (Secretary), . . . . .	Worcester.
Cora Almira Palge (A), . . . . .	Worcester.
Mrs. Andrew O'Connor, Worcester.	
Dora Alvira Palge (A), . . . . .	Worcester.
Mrs. Arthur C. Adams, Gilbertville.	
Julia Winifred Smith (A), . . . . .	Worcester.
Minnie Belle Stearns (A), . . . . .	North Leominster.
Mrs. George P. Taylor, Springfield.	

## TWENTY-THIRD CLASS, JUNE, 1888.

Mary Agnes Cunningham (A), . . . . .	Worcester.
Amelia Louisa Diemar (A), . . . . .	Worcester.
Minnie Isabel Gage (A), . . . . .	Worcester.
Henry Dwight Hunt, . . . . .	Columbia, Conn.
Anna Miriam Johnson (A), . . . . .	Worcester.
Edith Genevieve Loring, . . . . .	Westborough.
Mrs. Richard H. Mooney, Worcester.	
Jeannette Morrill (A), . . . . .	Benton, N. H.
Gertrude Emma Nash (A), . . . . .	Worcester.
Mary Alice O'Gready (A), . . . . .	Worcester.
Mrs. Aloysius J. Doon, Natick.	
Annie Brown Porter (A), . . . . .	Manchester, N. H.
Died in Manchester, N. H., Sept. 16, 1891.	
Mary Agnes Quinn (A), . . . . .	Worcester.
Flora Addie Strong, . . . . .	Starksborough, Vt.
Margaret Gertrude Sullivan (A), . . . . .	Worcester.
Mary Louise Taylor (A) (Secretary), . . . . .	Worcester.
Mrs. Edward H. Whitney, Worcester.	
Helen Frances Walker, . . . . .	Worcester.

## TWENTY-FOURTH CLASS, JANUARY, 1889.

Martha Jennie Alton (A), . . . . .	Worcester.
Mrs. Walter L. Brown, Springfield.	
Harriet Amelia Blood (A), . . . . .	Worcester.
Carrie Maria Bunce (A), . . . . .	Worcester.

NAMES.	RESIDENCES.
Anna Loretta Callahan, . . . . .	Barre.
Harriet Washburn Cook (A), . . . . .	Worcester.
Mrs. Willis E. Putnam, Worcester.	
Jennie Maria Fairbanks, . . . . .	Holden.
Ellen Estelle Fitzgerald (A), . . . . .	Worcester.
Cecilia Theresa Kelley (A), . . . . .	Worcester.
Alice Elizabeth Marsh, . . . . .	Leicester.
Mrs. Frederick D. Libby, Leicester.	
Katherine Mathews (A), . . . . .	Westborough.
Sarah Ann McCormick (A), . . . . .	Worcester.
Ellen Agnes McTiernan (A), . . . . .	Worcester.
Grace Lamson Newton (A), . . . . .	Oakdale.
Ellen Agnes O'Neil (A), . . . . .	Worcester.
Mary Elizabeth Patten, . . . . .	Danby, Vt.
Winchester.	
Alice Cressy Plumer (A), . . . . .	Maxwell, Neb.
Grace Emeline Remington (A), . . . . .	Worcester.
Mrs. Angelo Truda, Worcester.	
Sara Elizabeth Rollison (A), . . . . .	Worcester.
Olive Russell (A) (Secretary), . . . . .	Worcester.
Mary Ann Agnes Short (A), . . . . .	Worcester.
Mary Alice Smith (A), . . . . .	Worcester.
Mrs. Melville D. Frost, Somerville.	
Dora Taft, . . . . .	Mendon.
Waltham.	
Winifred Rosalie Todd (A), . . . . .	Worcester.
Addy Frances Yeaton (A), . . . . .	Worcester.

#### TWENTY-FIFTH CLASS, JUNE, 1889.

Clara Elizabeth Andrews (A), . . . . .	Boylston.
Mrs. Fred H. Rice, Holden.	
Grace Hulford Bishop (A), . . . . .	Worcester.
Ellen Gertrude Carey (A), . . . . .	Worcester.
Stella Elizabeth Chapin (A), . . . . .	Worcester.
Susan May Corbin, . . . . .	W. Woodstock, Conn.
Annie Maria Gilbert (A), . . . . .	Worcester.
Mrs. Leon O. Woodcock, Worcester.	
Netty May Grout (A), . . . . .	Spencer.
Susan Martha Hill (A), . . . . .	Hudson.
Lou Frances Sawtelle, . . . . .	Worcester.
Mrs. Arthur D. Putnam, Worcester.	
Netty Anna Starkey (A) (Secretary), . . . . .	Worcester.
Katie Stevenson (A), . . . . .	Worcester.
Clara Harwood Walker (A), . . . . .	Worcester.
Elizabeth Frances Walker (A), . . . . .	Worcester.
Mrs. Benjamin Whitmore, Jr., Worcester.	

NAMES.	RESIDENCES.
Martha Raymond Walker (A), Mrs. Edgar R. Locke, Denver, Col.	Worcester.
Harriet Erwin Wheeler (A),	Worcester.
Emma Augusta Windle,	Oxford.

## TWENTY-SIXTH CLASS, JANUARY, 1890.

Maude Sophie Bosworth (A), Mrs. Herbert A. Warren, St. Albans, Vt.	Worcester.
Herbert Eugene Buxton,	Ashford, Conn.
Flora Browning Chamberlain (A), Mrs. Charles B. Wetherby, Southbridge.	Worcester.
Florence Malbone Dodge (A),	Worcester.
Alice Gertrude Draper (A) (Secretary),	Worcester.
Alice Little Eames (A), Mrs. Frank R. S. Bond, Worcester.	Worcester.
Elizabeth Christine Finn (A),	Worcester.
Mary Agnes Flynn (A),	Worcester.
Costella Gertrude Gale (A),	Gullford, Vt.
Margaret Jane Gartland (A), Died in Worcester, Jan. 19, 1894.	Worcester.
Mary Gertrude Geary (A),	Worcester.
Mary Catherine Henry (A),	Worcester.
Anna May Hewett (A), Mrs. George T. Patterson, Springfield.	Worcester.
Lena May Hurlbut (A),	Richford, Vt.
Harriet Howe Maynard,	Townsend.
Annie York Milliken (A),	Worcester.
Anna Grace Moore (A),	Worcester.
Amy Murray (A),	Worcester.
Rupert Henry Murray,	Worcester.
Kate Evans Parker (A),	Worcester.
Minnie Partridge,	Medway.
Jeannette Witherby Scruton (A),	Canton, N. Y.
Ella Louise Smith (A),	Worcester.
Annie Lillian Sullivan (A),	Worcester.
Mary Eleanor Whitly (A),	Fitchburg.
Mary Emma Williams, Mrs. Charles A. Durfee, Choptmist, R. I.	Webster.

## TWENTY-SEVENTH CLASS, JUNE, 1890.

Amy Maria Aldrich (A),	Westborough.
Emma Susie Barrett (A),	Worcester.
Mattie Josephine Black (A),	Worcester.
Emma Jane Cooper, Manchester, N. H.	Worcester.

NAMES.	RESIDENCES.
Anna Gertrude Cullen (A), . . . . .	Worcester.
Maud Elizabeth Davis (A), . . . . .	Holden.
Hartford, Conn.	
Kathline Elizabeth Dwyer (A), . . . . .	Worcester.
Mrs. John J. Carr, Worcester. Died in Worcester, July 27, 1893.	
Harriet Almira Greene (A), . . . . .	Wrentham.
Luta Belle Lincoln (A) (Secretary), . . . . .	Worcester.
Charlotte McFarland (A), . . . . .	Worcester.
Annie Teresa McGrath (A), . . . . .	Worcester.
Mary Catherine O'Connor (A), . . . . .	Worcester.
Mary Helen Rogers (A), . . . . .	Holden.
Sarah Agnes Russell (A), . . . . .	Amherst.
Florence Louise Seagrave (A), . . . . .	Uxbridge.
Edith Maria Studley (A), . . . . .	Worcester.
Nellie Dascombe Temple (A), . . . . .	Gardner.
Mrs. Frank B. Edgell, Gardner.	
Florence Helen Towne (A), . . . . .	Mendon.

#### TWENTY-EIGHTH CLASS, JANUARY, 1891.

Henrietta Maria Ager (A), . . . . .	Worcester.
Mrs. John H. Orr, Worcester.	
Agnes Maria Blanchard, . . . . .	Harvard.
Jennie Frances Brennan (A), . . . . .	Worcester.
Edith Minetta Brown (A) (Secretary), . . . . .	Worcester.
Huldah Jane Gibson (A), . . . . .	South Boston.
Worcester.	
Sarah Alice Hopwood (A), . . . . .	Worcester.
Fanny Maude Joy (A), . . . . .	Manchester, N. H.
Brighton.	
Helen Maria King (A), . . . . .	Worcester.
Rosa Helena Mahan (A), . . . . .	Worcester.
Agnes McMahon (A), . . . . .	Worcester.
Mary Brown Porter (A), . . . . .	Louisville, Ky.
Parkland, Ky.	
Nellie Jane Wattie (A), . . . . .	Worcester.
Alice Gertrude Whitcomb, . . . . .	Worcester.
Mrs. Frank H. Bullard, Worcester.	

#### TWENTY-NINTH CLASS, JUNE, 1891.

Ella Louise Brown, . . . . .	Worcester.
Elizabeth Amanda Rice Daniels, . . . . .	Greenfield.
Orange, N. J.	
Marion Frances Dexter (A), . . . . .	Franconia, N. H.
Nellie Gertrude Donovan (A), . . . . .	Worcester.
Theresa Veronica Dowd (A), . . . . .	Worcester.
Emma Alice Gardner (A), . . . . .	Worcester.



NAMES.	RESIDENCES.
Agnes Gertrude Garvey (A), . . . . .	Worcester.
Mabel Howard Goodale (A), . . . . .	Leominster.
Agnes Theresa Healey (A), . . . . .	Whitinsville.
Mary Ignatia Healy (A), . . . . .	Worcester.
Florence Louise Johnson (A), . . . . .	Worcester.
Teresa Mary Larkin, . . . . .	Worcester.
Catherine Maria McHugh (A), . . . . .	Worcester.
Marietta McNulty (A) (Secretary), . . . . .	Worcester.
Mabel Dora Morrison, . . . . .	Worcester.
Georgiana May O'Connor (A), . . . . .	Worcester.
Helen Louise Osborn (A), . . . . .	Worcester.
Mrs. Lyman H. Morse, Worcester.	
Grace Platt (A), . . . . .	Newfane, Vt.
Mary Elizabeth Ridler (A), . . . . .	Worcester.
Bertha Maria Stone (A), . . . . .	Auburn.
Died in Webster, July 28, 1894.	
Nellie Thurston, . . . . .	Worcester.
Eleanor Cornelia Torrey, . . . . .	East Dorset, Vt.
Duluth, Minn.	
Mary Reed Townsend (A), . . . . .	Lexington.
Lancaster.	
Eva Leolan Truscott (A), . . . . .	Worcester.
Mrs. Charles F. Davis, Worcester.	
Catherine Rachel Wheatley (A), . . . . .	Worcester.
Grace Woodbury, . . . . .	Oxford.

## THIRTIETH CLASS, JANUARY, 1892.

Sarah Emma Barrett (A), . . . . .	Barre.
Cambridgeport.	
Addie May Blanchard (A), . . . . .	Uxbridge.
Orange, N. J.	
Mabel Rice Brooks (A), . . . . .	Ashby.
Elizabeth Loretta Carmody (A), . . . . .	Worcester.
Anna Pauline Cummings (A) (Secretary), . . . . .	Worcester.
Rose Gertrude Doherty (A), . . . . .	Worcester.
Annie Edith Goldthwait (A), . . . . .	Uxbridge.
Alice Christina Heaphy (A), . . . . .	Worcester.
Julia Annie Hill (A), . . . . .	Charlestown.
Mary Leathers (A), . . . . .	Barre.
Louisa Christina Lof (A), . . . . .	Worcester.
Effie Rilla Putnam, . . . . .	West Sutton.
Katherine Sayle (A), . . . . .	Worcester.
Mary Grace Stalker (A), . . . . .	Worcester.
Sarah Carr Wilder, . . . . .	Spencer.
Lura Augusta Wiley (A), . . . . .	Hardwick.

## THIRTY-FIRST CLASS, JUNE, 1892.

NAMES.	RESIDENCES.
Lena Roxanna Adams (A), . . . . .	North Brookfield.
Serena Belle Adams (A), . . . . .	Stockbridge.
Nina Frances Blanchard (A), . . . . .	Worcester.
Mrs. John H. Scott, Worcester.	
Mary Frances Craue (A), . . . . .	Worcester.
Margaret Loretta Cunningham (A), . . . . .	Worcester.
Mary Ursula Day (A), . . . . .	Worcester.
Effe Blanche Draper (A) (Secretary), . . . . .	Worcester.
Emma Elizabeth Greene (A), . . . . .	Worcester.
Elizabeth Anna Hagerty (A), . . . . .	Worcester.
Mary Abbott Holt, . . . . .	Norway, Me.
Everett.	
Ella LeBeau (A), . . . . .	Fall River.
Anna Maria Littlefield (A), . . . . .	Worcester.
Cora Lillis Morse (A), . . . . .	Worcester.
Abigail Frary Newton (A), . . . . .	Greenfield.
Edith Gertrude Newton, . . . . .	Westminster.
Duluth, Minn.	
Rebecca Louise Nield (A), . . . . .	Millbury.
Annie Belle Parker (A), . . . . .	Worcester.
Emily Beverly Pellet (A), . . . . .	Worcester.
Belle Frances Phelon, . . . . .	Worcester.
Ida Louise Stevens, . . . . .	Worcester.
Mrs. Willis C. Whitney, East Hubbardston.	

## THIRTY-SECOND CLASS, JANUARY, 1893.

Grace Lyon Backus (A), . . . . .	Chaplin, Conn.
Louise Maria Bray (A), . . . . .	Boylston.
Annie Elizabeth Clancy (A), . . . . .	Worcester.
Mary Catherine Clarke (A), . . . . .	Worcester.
Florence Lane Cota (A), . . . . .	New Braintree.
Alice Louise Day (A), . . . . .	Worcester.
Alice Mary Day (A) (Secretary), . . . . .	Worcester.
Ellen Maria Devlin (A), . . . . .	Worcester.
Margaret Agnes Donnelly (A), . . . . .	Worcester.
Emily Frances Fagan (A), . . . . .	Webster.
Mary Julia Haas (A), . . . . .	Shrewsbury.
Mary Eloise Hardy (A), . . . . .	Worcester.
Anna Tracy Hickey (A), . . . . .	Worcester.
Alice Jane Hildreth, . . . . .	Worcester.
Emma Ada Hopwood (A), . . . . .	Worcester.
Rose Eva Keenan (A), . . . . .	Stoneham.

Names.	Residences.
Mary Agnes Maroney (A), . . . . .	Worcester.
Ellen Teresa McGillicuddy (A), . . . . .	Worcester.
Katharine Louise McQuaid (A), . . . . .	Worcester.
Martha Eveline Peck (A), . . . . .	Rowe.
Catherine Regan (A), . . . . .	Gardner.
Margaret Blanche Toole (A), . . . . .	Worcester.

## THIRTY-THIRD CLASS, JUNE, 1893.

Margaret Theresa Brown (A), . . . . .	Millbury.
Jessie Sophronia Clapp, . . . . .	Worcester.
Mary Elizabeth Cody (A), . . . . .	Worcester.
Anna Elizabeth Conlon (A), . . . . .	Worcester.
Isabella Gertrude Diggins (A), . . . . .	Worcester.
Grace Lenora Geer (A) (Secretary), . . . . .	Worcester.
Annie Matilda Harrington (A), . . . . .	Paxton.
Mary Eleanor Higgins (A), . . . . .	Worcester.
Bertha Josephine Hopkins (A), . . . . .	Worcester.
Grace Agnes Hutchins (A), . . . . .	Templeton.
Mary Alice Loring (A), . . . . .	Westborough.
Mrs. Israel N. Keyes, Worcester.	
Grace Bangs Sawin (A), . . . . .	Athol.
Mary Ida Schultz (A), . . . . .	Worcester.
Mary Louise Scott (A), . . . . .	Worcester.
Ina Adelaide Whitman (A), . . . . .	Marlborough.

## THIRTY-FOURTH CLASS, JANUARY, 1894.

Sophia Elizabeth Belcher (A), . . . . .	Worcester.
Genevieve Bernardine Convery (A), . . . . .	Worcester.
Cornella Vinson Davis (A), . . . . .	Worcester.
Katherine Gertrude Doon (A), . . . . .	Worcester.
Minnie Louisa Fish (A), . . . . .	Worcester.
Harriet Adelaide Foley (A), . . . . .	Worcester.
Edith Elizabeth Gunn (A), . . . . .	Northbridge.
Della Madge Hale (A), . . . . .	Grafton.
Olive Isabel Harris (A), . . . . .	Worcester.
Myrtis Isabel Kirby (A), . . . . .	Paxton.
Marietta Matthews (A) (Secretary), . . . . .	Worcester.
Anna Maria McPartland (A), . . . . .	Leicester.
Anna Gertrude Murphy (A), . . . . .	Worcester.
Mary Ellen Camilla O'Connell (A), . . . . .	Worcester.
Eliza Gallup Rawson (A), . . . . .	Worcester.
Louise Amanda Scott (A), . . . . .	Worcester.
Ella Jane Thayer, . . . . .	Worcester.

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NAMES.	RESIDENCES.
Sarah Ella Wilson (A), . . . . .	Worcester.
Ethel Maria Woods (A), . . . . .	Worcester.

## THIRTY-FIFTH CLASS, JUNE, 1894.

Bertha Frances Albee, . . . . .	Uxbridge.
Anna May Babcock (A), . . . . .	Worcester.
Rose Anne Boyle (A), . . . . .	Worcester.
Abigail Elizabeth Callahan (A), . . . . .	Millbury.
Mabel Susan Chamberlain (A), . . . . .	Worcester.
Edith Florence Chaplin (A), . . . . .	Worcester.
Mabel Elma Colburn (A), . . . . .	Thayer, Mo.
Mary Helen Eaton (A), . . . . .	Woburn.
Margaret Elizabeth Flynn (A), . . . . .	Worcester.
Anna Charlotte Harford (A), . . . . .	Worcester.
Sarah Elizabeth Kneeland (A), . . . . .	Worcester.
Catherine Pauline Mullany (A), . . . . .	Worcester.
Anastasia Leone O'Gorman (A), . . . . .	Worcester.
Helen Austina O'Gorman (A), . . . . .	Worcester.
Mabel Ellsworth Osgood (A), . . . . .	Barre.
Mary Gertrude Perry (A), . . . . .	Sutton.
Mary Eliza Stearns, . . . . .	Barre.
Jane Maria Wheeler (A), . . . . .	Bolton.
Nancy Claflin Wood (A), . . . . .	Mendon.

## THIRTY-SIXTH CLASS, JANUARY, 1895.

Mabel Boomer Blanchard (A), . . . . .	Worcester.
Anna Loretto Bourke (A), . . . . .	Worcester.
Grace Adell Chamberlain (A), . . . . .	East Jaffrey, N. H.
Joanna Teresa Daly (A), . . . . .	Worcester.
Gertrude Lavina Eames (A), . . . . .	Worcester.
Frances Isabelle Everett (A), . . . . .	Worcester.
Edith Maria Harlow (A), . . . . .	Shrewsbury.
Florence Selma Jenkins (A), . . . . .	Worcester.
Frances Edna Joyce (A), . . . . .	Worcester.
Elizabeth Bernard McCourt (A), . . . . .	Worcester.
Annie Gertrude O'Day (A), . . . . .	Worcester.
Amy Gertrude Perkins (A), . . . . .	Templeton.
Alice Jennie Perry (A), . . . . .	Worcester.
Hilma Peterson (A), . . . . .	Worcester.
Mary Teresa Ryan (A), . . . . .	Worcester.
Gertrude Elvira Ryder (A), . . . . .	Auburn.
Isabelle Stevenson (A), . . . . .	Worcester.
Katherine Ellen White (A), . . . . .	Worcester.
Lucy Addie Whitney, . . . . .	Worcester.

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**SPECIAL STUDENTS**

**WHO HAVE RECEIVED CERTIFICATES OF PROFICIENCY.**

**1881.**

Francis Patrick McKeon, A. M.  
Richard Henry Mooney, A. M.

**1882.**

Thomas William Butler.  
Owen Henry Conlin, A. B.  
Peter Andrew Conlin, A. B.  
Edward Aloysius Quinland, A. B.

**1883.**

Arthur Hay, A. B.

**1886.**

William Francis Carmody, A. B.

**1890.**

Joseph Edward Underwood, A. B.

**1893.**

Lucy Adelaide Pratt, A. B.

**1895.**

Andrew John Dolan, A. B.  
Denis Francis O'Connor, A. B.

## SUMMARY OF NUMBERS.

Number in the First Class, . . . . .	10
Number in the Second Class, . . . . .	17
Number in the Third Class, . . . . .	27
Number in the Fourth Class, . . . . .	14
Number in the Fifth Class, . . . . .	10
Number in the Sixth Class, . . . . .	12
Number in the Seventh Class, . . . . .	14
Number in the Eighth Class, . . . . .	20
Number in the Ninth Class, . . . . .	16
Number in the Tenth Class, . . . . .	17
Number in the Eleventh Class, . . . . .	14
Number in the Twelfth Class, . . . . .	10
Number in the Thirteenth Class, . . . . .	21
Number in the Fourteenth Class, . . . . .	8
Number in the Fifteenth Class, . . . . .	16
Number in the Sixteenth Class, . . . . .	22
Number in the Seventeenth Class, . . . . .	14
Number in the Eighteenth Class, . . . . .	10
Number in the Nineteenth Class, . . . . .	16
Number in the Twentieth Class, . . . . .	17
Number in the Twenty-first Class, . . . . .	25
Number in the Twenty-second Class, . . . . .	15
Number in the Twenty-third Class, . . . . .	15
Number in the Twenty-fourth Class, . . . . .	24
Number in the Twenty-fifth Class, . . . . .	16
Number in the Twenty-sixth Class, . . . . .	26
Number in the Twenty-seventh Class, . . . . .	18
Number in the Twenty-eighth Class, . . . . .	13
Number in the Twenty-ninth Class, . . . . .	26
Number in the Thirtieth Class, . . . . .	16
Number in the Thirty-first Class, . . . . .	20
Number in the Thirty-second Class, . . . . .	22
Number in the Thirty-third Class, . . . . .	15
Number in the Thirty-fourth Class, . . . . .	19
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Number in the Thirty-sixth Class, . . . . .	19
Total number of graduates, . . . . .	613
Number of certificated students, . . . . .	12

GRADUATES' ASSOCIATION OF THE STATE NORMAL SCHOOL  
AT WORCESTER.

---

<i>President,</i>	.	.	.	SARAH M. AVERILL,	.	.	.	8TH CLASS.
<i>Vice-President,</i>	.	.	.	ALICE H. BELDING,	.	.	.	21ST CLASS.
<i>Secretary,</i>	.	.	.	ARABELLA H. TUCKER,	.	.	.	1ST CLASS.
<i>Treasurer,</i>	.	.	.	THOMAS J. HIGGINS,	.	.	.	19TH CLASS.

*Executive Committee.*

LYDIA W. BALL,	.	.	.	.	.	1ST CLASS.
EMMA M. PLIMPTON,	.	.	.	.	.	7TH CLASS.
ADELIA T. GAUREN,	.	.	.	.	.	14TH CLASS.
MARION HOLBROOK,	.	.	.	.	.	20TH CLASS
ALICE G. DRAPER,	.	.	.	.	.	26TH CLASS.

The fifteenth annual reunion will be held on Thursday afternoon, June 27, 1895, at the normal school. The business meeting will take place in the lunch-room at 5.30. The supper will be served in the hall at 6.

## GIFTS OF THE GRADUATING CLASSES.

These all form a part of the decoration of the main hall or school-room.

FIRST CLASS, . . . . . Apollo. (Bust.)

SECOND CLASS, . . . . Angel Boys from Raphael's "Sistine Madonna."

(Photograph.)

THIRD CLASS, . . . . . Guido's "Aurora." (Photograph.)

FOURTH CLASS, . . . . . Colosseum at Rome. (Photograph.)

FIFTH CLASS, . . . . . Julius Cæsar. (Bust.)

SIXTH CLASS, . . . . . John Locke. (Bust.)

SEVENTH CLASS, . . . . . Pestalozzi. (Bust.)

EIGHTH CLASS, . . . . Ralph Waldo Emerson. (French's Bust.)

NINTH CLASS, . . . . . "An Old Monarch," by Rosa Bonheur.

(Engraving.)

TENTH CLASS, . . . . . Pyramids and Sphinx. (Photograph.)

ELEVENTH CLASS, . . . . . Titian's "Flora." (Photograph.)

TWELFTH CLASS, . . . Michel Angelo's "Three Fates." (Photograph.)

THIRTEENTH CLASS, . . . . . Lincoln. (Volk's Bust.)

FOURTEENTH CLASS, . . . . Webster. (Photograph by Hawes.)

FIFTEENTH CLASS, . . . . . Millet's "Spinner." (Etching.)

SIXTEENTH CLASS, . . . . . Franklin. (Houdon's Bust.)

SEVENTEENTH CLASS, . . . . The Matterhorn. (Photograph.)

EIGHTEENTH CLASS, . . . . The Chandos Portrait of Shakespeare.

(Flameng's Etching.)

NINETEENTH CLASS, . . . Sappho (so called), from Herculaneum. (Bust.)

TWENTIETH CLASS, . . . . . Tiger. (Photograph from life.)

TWENTY-FIRST CLASS, . . . Part of Parthenon Frieze. (Plaster cast.)

TWENTY-THIRD CLASS, . . Stuart's Washington. (Photograph by Hawes.)



## GIFTS.

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The following gifts to the school are gratefully acknowledged : —

Botanical specimens from Florida, from Mr. Chapman Wallis.


Pottery from the Azores, from Miss Juliet Porter.

Zoölogical specimen for the Museum, from Mrs. Frederick N. Hunter of the Sixth Class.

Volumes to the Library, from Hon. Joseph H. Walker, Miss Arabella H. Tucker of the First Class, Miss Mary E. Whitty of the Twenty sixth Class, Mr. Charles M. Smith, Mr. Henry W. Brown, Mr. E. H. Russell, The Smithsonian Institution, and The Gilchrist Educational Trust, London.

## ADDRESSES.

Addresses of interest and value have been given to the school by Henry H. Chamberlain, Esq., on "Grecian Mythology and Architecture;" by "Father" Locke on "Army Life and Army Songs;" and by Albert C. Getchell, M.D., on "Adenoid Growths in the Nasopharynx."



ANNIVERSARY ADDRESSES HAVE BEEN GIVEN BY THE  
FOLLOWING PERSONS.

- In 1877, by William T. Harris, LL.D., of St. Louis.  
In 1878, by Rev. Thomas Hill, D.D., of Portland, Me.  
In 1879, by Alexander H. Rice, LL.D., of Boston.  
In 1880, by Mrs. Julia Ward Howe of Boston.  
In 1881, by Rev. Francis Tiffany of West Newton.  
In 1882, by Hon. James W. Patterson, LL.D., of Hanover, N. H.  
In 1883, by Mrs. Ednah D. Cheney of Boston.  
In 1884, by Prof. G. Stanley Hall, Ph.D., of Baltimore.  
In 1885, by Prof. Albert Harkness, LL.D., of Providence, R. I.  
In 1886, by Charles Dudley Warner of Hartford, Conn.  
In 1887, by Edward S. Morse, Ph.D., of Salem.  
In 1888, by John Fiske of Cambridge.  
In 1889, by Francis A. Walker, LL.D., of Boston.  
In 1890, by Mrs. Alice Freeman Palmer of Cambridge.  
In 1891, by Rev. E. B. Andrews, D.D., of Providence, R. I.  
In 1892, by Rev. Charles M. Lamson, D.D., of St. Johnsbury, Vt.  
In 1893, by G. Stanley Hall, LL.D., of Worcester.  
In 1894, by Hon. Frank A. Hill, Litt. D., of Cambridge.
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MASSACHUSETTS

# State Normal School

AT WORCESTER.

1896





## GIFTS OF THE GRADUATING CLASSES.

These all form a part of the decoration of the main hall or school-room.

FIRST CLASS, . . . . . Apollo. (Bust.)

SECOND CLASS, . . . . Angel Boys from Raphael's "Sistine Madonna."

(Photograph.)

THIRD CLASS, . . . . . Guido's "Aurora." (Photograph.)

FOURTH CLASS, . . . . . Colosseum at Rome. (Photograph.)

FIFTH CLASS, . . . . . Julius Cæsar. (Bust.)

SIXTH CLASS, . . . . . John Locke. (Bust.)

SEVENTH CLASS, . . . . . Pestalozzi. (Bust.)

EIGHTH CLASS, . . . . Ralph Waldo Emerson. (French's Bust.)

NINTH CLASS, . . . . . "An Old Monarch," by Rosa Bonheur.

(Engraving.)

TENTH CLASS, . . . . . Pyramids and Sphinx. (Photograph.)

ELEVENTH CLASS, . . . . . Titian's "Flora." (Photograph.)

TWELFTH CLASS, . . . Michel Angelo's "Three Fates." (Photograph.)

THIRTEENTH CLASS, . . . . . Lincoln. (Volk's Bust.)

FOURTEENTH CLASS, . . . . Webster. (Photograph by Hawes.)

FIFTEENTH CLASS, . . . . . Millet's "Spinner." (Etching.)

SIXTEENTH CLASS, . . . . . Franklin. (Houlton's Bust.)

SEVENTEENTH CLASS, . . . . The Matterhorn. (Photograph.)

EIGHTEENTH CLASS, . . . . The Chandos Portrait of Shakespeare.

(Flameng's Etching.)

NINETEENTH CLASS, . . . Sappho (so called), from Herculaneum. (Bust.)

TWENTIETH CLASS, . . . . . Tiger. (Photograph from life.)

TWENTY-FIRST CLASS, . . . Part of Parthenon Frieze. (Plaster cast.)

TWENTY-THIRD CLASS, . . Stuart's Washington. (Photograph by Hawes.)

## GIFTS.

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The following gifts to the school are gratefully acknowledged : —

Botanical specimens from Florida, from Mr. Chapman Wallis.

Pottery from the Azores, from Miss Juliet Porter.

Zoölogical specimen for the Museum, from Mrs. Frederick N. Hunter of the Sixth Class.

Volumes to the Library, from Hon. Joseph H. Walker, Miss Arabella H. Tucker of the First Class, Miss Mary E. Whitty of the Twenty sixth Class, Mr. Charles M. Smith, Mr. Henry W. Brown, Mr. E. H. Russell, The Smithsonian Institution, and The Gilchrist Educational Trust, London.

## ADDRESSES.

Addresses of interest and value have been given to the school by Henry H. Chamberlain, Esq., on "Grecian Mythology and Architecture;" by "Father" Locke on "Army Life and Army Songs;" and by Albert C. Getchell, M.D., on "Adenoid Growths in the Nasopharynx."

---

ANNIVERSARY ADDRESSES HAVE BEEN GIVEN BY THE  
FOLLOWING PERSONS.

- In 1877, by William T. Harris, LL.D., of St. Louis.  
In 1878, by Rev. Thomas Hill, D.D., of Portland, Me.  
In 1879, by Alexander H. Rice, LL.D., of Boston.  
In 1880, by Mrs. Julia Ward Howe of Boston.  
In 1881, by Rev. Francis Tiffany of West Newton.  
In 1882, by Hon. James W. Patterson, LL.D., of Hanover, N. H.  
In 1883, by Mrs. Ednah D. Cheney of Boston.  
In 1884, by Prof. G. Stanley Hall, Ph.D., of Baltimore.  
In 1885, by Prof. Albert Harkness, LL.D., of Providence, R. I.  
In 1886, by Charles Dudley Warner of Hartford, Conn.  
In 1887, by Edward S. Morse, Ph.D., of Salem.  
In 1888, by John Fiske of Cambridge.  
In 1889, by Francis A. Walker, LL.D., of Boston.  
In 1890, by Mrs. Alice Freeman Palmer of Cambridge.  
In 1891, by Rev. E. B. Andrews, D.D., of Providence, R. I.  
In 1892, by Rev. Charles M. Lamson, D.D., of St. Johnsbury, Vt.  
In 1893, by G. Stanley Hall, LL.D., of Worcester.  
In 1894, by Hon. Frank A. Hill, Litt. D., of Cambridge.
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MASSACHUSETTS

# State Normal School

AT WORCESTER.

1896







NORMAL SCHOOL (Main Building).





PRINCIPAL'S HOUSE AND STODDARD TERRACE (Dormitory).



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MASSACHUSETTS  
STATE NORMAL SCHOOL  
AT WORCESTER.

✧CATALOGUE AND CIRCULAR.✧

Twenty-second Year, 1896.



BOSTON:  
1896.

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FOR  
P 182059  
THE

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WRIGHT & POTTER PRINTING CO., STATE PRINTERS,  
18 Post Office Square.

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ESTABLISHED IN 1837.

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HIS HONOR ROGER WOLCOTT, BOSTON.

## By Appointment.

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GEORGE H. CONLEY, . . . Boston, . . .	May 25, 1901.
MRS. ALICE FREEMAN PALMER, Cambridge, . . .	May 25, 1902.
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## Assistant.

JAMES HALL, . . . . . Springfield.

## Board of Visitors for Worcester.

E. B. STODDARD.

J. D. MILLER.

---

\* Died on Thursday, March 5, 1896.

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School Days are marked by Full-face Figures; Vacations and Holidays by Light-face Figures.

... 1896 ...							... 1897 ...						
JULY.							JANUARY.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
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5	6	7	8	9	10	11	3	4	5	6	7	8	9
12	13	14	15	16	17	18	10	11	12	13	14	15	16
19	20	21	22	23	24	25	17	18	19	20	21	22	23
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AUGUST.							FEBRUARY.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
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30	31	--	--	--	--	--	--	--	--	--	--	--	--
SEPTEMBER.							MARCH.						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
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13	14	15	16	17	18	19	14	15	16	17	18	19	20
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OCTOBER.							APRIL.						
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11	12	13	14	15	16	17	11	12	13	14	15	16	17
18	19	20	21	22	23	24	18	19	20	21	22	23	24
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NOVEMBER.							MAY.						
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8	9	10	11	12	13	14	2	3	4	5	6	7	--
15	16	17	18	19	20	21	9	10	11	12	13	14	--
22	23	24	25	26	27	28	16	17	18	19	20	21	--
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DECEMBER.							JUNE.						
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6	7	8	9	10	11	12	6	7	8	9	10	11	--
13	14	15	16	17	18	19	13	14	15	16	17	18	--
20	21	22	23	24	25	26	20	21	22	23	24	25	--
27	28	29	30	31	--	--	27	28	29	30	--	--	--

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## THE CALENDAR.

(See opposite page )

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### TWENTY-THIRD SCHOOL YEAR, 1896-97.

#### 1896.

June 25 and 26, Thursday and Friday, . . . First entrance examination.  
September 8 and 9, Tuesday and Wednesday, . . . Second entrance examination.  
September 10, Thursday, . . . . . School year begins.  
October 28, Wednesday, . . . . . Autumn Arbor Day.  
November 23 to December 1, . . . . . Mid-term recess.  
December 25, Friday, . . . . . Christmas Day.

#### 1897.

January 26, Tuesday, . . . . . First term ends.

#### MIDWINTER VACATION, ONE WEEK.

February 2, Tuesday, . . . . . Second term begins.  
April 12 to April 20, . . . . . Mid-term recess.  
April 21, Wednesday, . . . . . Spring Arbor Day.  
June 22, Tuesday, . . . . . School year ends.  
June 24 and 25, Thursday and Friday, . . . First entrance examination.

#### MIDSUMMER VACATION, ELEVEN WEEKS.

September 7 and 8, Tuesday and Wednesday, . . . Second entrance examination.  
September 9, Thursday, . . . . . School year begins.

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### SPECIAL NOTICE.

Examinations for admission to the school are held twice a year, immediately following the close of the summer term and immediately preceding the opening of the fall term; private examinations in term time cannot be given.

Exercises of graduation occur once a year only — on the last day of the summer term — and are always open to the public.

There is no session of the school on Monday. On other days the hours are from nine o'clock to four, with an intermission of an hour at noon.

Communications may be addressed to the principal, 1 Normal Street, or to Hon. E. B. Stoddard, 15 Ashland Street.

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## TEACHERS.

---

E. HARLOW RUSSELL, <i>Principal</i> ,	. . . . .	1 Normal Street.
Miss REBECCA JONES,	. . . . .	15 Florence Street.
CHARLES F. ADAMS,	. . . . .	2 Normal Street.
HENRY W. BROWN,	. . . . .	5 Forest Avenue.
Miss HELEN F. MARSH,	. . . . .	Stoddard Terrace, Prospect Street.
Miss ELLEN M. HASKELL,	. . . . .	Stoddard Terrace, Prospect Street.
Mrs. MARION J. SUMNER,	. . . . .	15 Chatham Place.
Miss ARABELLA H. TUCKER,	. . . . .	306 Pleasant Street.
Miss E. LOUISE RICHARDS,	. . . . .	Stoddard Terrace, Prospect Street.
Miss OLIVE RUSSELL,	. . . . .	1 Normal Street.
THADDEUS L. BOLTON,	. . . . .	53 Eastern Avenue.
Miss ANNA P. SMITH,	. . . . .	9 Auburn Street.
Miss AMY L. BOYDEN,	. . . . .	Stoddard Terrace, Prospect Street.
JOHN CRON, <i>Janitor</i> ,	. . . . .	Stoddard Terrace, Prospect Street.

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## STUDENTS.

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### PURSUIING POST-GRADUATE STUDIES.

N.B. — Students whose names are marked with (A) have, besides passing through the regular course of study, served for a half year as apprentices (see page 26) in the public schools of the city of Worcester.

Alice Louise Day (A), . . . . .	Worcester.
Louella Irene Jackson (A), . . . . .	Worcester.
Eliza Jane Meyers (A), . . . . .	Worcester.
Catherine Pauline Mullany (A), . . . . .	Worcester.
Mabel Margaret Nick (A), . . . . .	Worcester.
Grace Bangs Sawin (A), . . . . .	Athol.
Jane Maria Wheeler (A), . . . . .	Bolton.
Nancy Clafin Wood (A), . . . . .	Mendon.

### FIRST CLASS, JANUARY, 1896.

Katharine Teresa Butler (A), . . . . .	Leicester.
Nellie Teresa Marie Butler (A), . . . . .	Worcester.
Mary Jane Callahan (A), . . . . .	Barre.
Clara Maud Chase (A), . . . . .	Millbury.
Effie Maud Cuthbertson (A), . . . . .	Fitchburg.
Mary Elizabeth Davidson, . . . . .	Millbury.
Emmaline Agnes Devlin (A), . . . . .	Worcester.
Mary Agnes Fleming (A), . . . . .	Worcester.
Elizabeth Fuyat (A), . . . . .	Taunton.
Margaret Mary Gaynor (A), . . . . .	Worcester.
Clara Augusta Harrington (A), . . . . .	Worcester.
Blanche Bingham Hill (A), . . . . .	Worcester.
Gertrude Imerson Johnson (A), . . . . .	Coos, N. H.
Florence Julia Wheeler Lesure (A), . . . . .	Worcester.
Mary Luby (A), . . . . .	Worcester.
Mary Susan Rachel MacDonald (A), . . . . .	Spencer.
Mary Annetta McAuliffe (A), . . . . .	Uxbridge.
Ellen Gertrude McDermott (A), . . . . .	Worcester.
Hannah Teresa McDonnell (A), . . . . .	Worcester.
Mary Frances McGrath (A), . . . . .	Worcester.
Anna Mary Moran (A), . . . . .	Worcester.
Florence Jessie Murdock (A), . . . . .	Webster.

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Anna Maria Newell (A),	.	.	.	.	.	Southbridge.
Rose Alba Parrott (A),	.	.	.	.	.	Worcester.
Elsie Gertrude Reed (A),	.	.	.	.	.	Worcester.
Joanna Frances Riordan (A),	.	.	.	.	.	Worcester.
Effie Maria Starkey (A),	.	.	.	.	.	Worcester.
Blanche May Stone (A),	.	.	.	.	.	Auburn.
Susan Clifford Taft (A),	.	.	.	.	.	Worcester.
Winona Boynton Taylor (A),	.	.	.	.	.	Worcester.
Elise Sainteté Topanellan (A),	.	.	.	.	.	Worcester.

## FIRST CLASS, JUNE, 1896.

Mary Estelle Bean (A),	.	.	.	.	.	Worcester.
Anna Selina Cartwright (A),	.	.	.	.	.	Berlin.
Mary Eliza Donaher (A),	.	.	.	.	.	Worcester.
Josephine Elizabeth Eagan (A),	.	.	.	.	.	Worcester.
Sarah Ruth Everett (A),	.	.	.	.	.	East Windsor, Conn.
Ethel Louise Farwell (A),	.	.	.	.	.	Clinton.
Mary Agnes Gilgan (A),	.	.	.	.	.	Worcester.
Anna Henrietta Griffin (A),	.	.	.	.	.	Worcester.
Mary Elizabeth Hackett (A),	.	.	.	.	.	Fitchburg.
Juliet Frances Kane (A),	.	.	.	.	.	Worcester.
Anna Mary Kehoe (A),	.	.	.	.	.	Millford.
Mary Elizabeth Killelea (A),	.	.	.	.	.	Worcester.
Mary Teresa Lynch (A),	.	.	.	.	.	Worcester.
Elizabeth Gertrude McHugh (A),	.	.	.	.	.	Worcester.
Elizabeth Clare McMahon (A),	.	.	.	.	.	Worcester.
Mary Helen Regan (A),	.	.	.	.	.	Gardner.
Julia Marion Robbins (A),	.	.	.	.	.	Worcester.
Anna Moore Sears (A),	.	.	.	.	.	Millbury.
Katie Frances Simonds (A),	.	.	.	.	.	Ashby.
Maud Louise Stratton,	.	.	.	.	.	Millbury.
Mary Elizabeth Whalon (A),	.	.	.	.	.	Gardner.
Margaret Anna Whitty (A),	.	.	.	.	.	Fitchburg.
Bessie Belle Woodard (A),	.	.	.	.	.	Worcester.

## APPRENTICES.

Grace Emeline Baker,	.	.	.	.	.	Worcester.
Margaret Mary Brosnahan,	.	.	.	.	.	Somerville.
Alice Josie Bunce,	.	.	.	.	.	Worcester.
Margaret Eloise Conlon,	.	.	.	.	.	Worcester.
Jennie Louise Coombs,	.	.	.	.	.	East Brookfield.
Winnifred Gertrude Crane,	.	.	.	.	.	Worcester.
Eugenia Coletta Crowley,	.	.	.	.	.	Worcester.
Mary Anna Daly,	.	.	.	.	.	Worcester.
Mary Theresa Dorsey,	.	.	.	.	.	Worcester.
Della May Eagan,	.	.	.	.	.	Worcester.



Elizabeth Fisher, . . . . .	Worcester.
eline Maria Flagg, . . . . .	Worcester.
helvena Gallup, . . . . .	Worcester.
a Agnes Gerrity, . . . . .	Worcester.
: Belle Gregory, . . . . .	Princeton.
Goodwin Jennison, . . . . .	Worcester.
Clara Johnson, . . . . .	Holden.
Louise Jones, . . . . .	Worcester.
Matilda Kneeland, . . . . .	Worcester.
Margaret Leonard, . . . . .	Worcester.
Ainsworth Lincoln, . . . . .	Worcester.
a Genevieve McGuire, . . . . .	Worcester.
eth Jane Moran, . . . . .	West Boylston.
rine Isabelle Moreau, . . . . .	North Brookfield.
Cecella O'Grady, . . . . .	Worcester.
Elizabeth O'Neil, . . . . .	Worcester.
a Eliza Ormsby, . . . . .	Brookfield.
eth Sterling Pierce, . . . . .	Worcester.
: Bertha Pike, . . . . .	Worcester.
r Sophia Porter, . . . . .	East Lempster, N. H.
Joseph Pratt, . . . . .	Worcester.
Amelia Ridler, . . . . .	Worcester.
a May Rogers, . . . . .	Clinton.
Baptista Ryan, . . . . .	Worcester.
Louisa Rydberg, . . . . .	Worcester.
Maria Sheehan, . . . . .	Millbury.
Eleanor Thompson, . . . . .	Worcester.
Isabel Truchon, . . . . .	Worcester.
Walker, . . . . .	Upton.
rine Elizabeth Whitty, . . . . .	Fitchburg.
ret Mabel Wilkins, . . . . .	Worcester.
ice Adalene Woodice, . . . . .	Worcester.

## SECOND CLASS.

Roxalana Bemis, . . . . .	Lancaster.
Jane Burns, . . . . .	Worcester.
Teresa Cahill, . . . . .	Worcester.
hine Louise Carey, . . . . .	Holden.
Mabel Carr, . . . . .	Woodstock, Conn.
Alice Carr, . . . . .	Lancaster.
rine Veronica Conlon, . . . . .	Worcester.
Elizabeth Connor, . . . . .	Worcester.
Mary Dodge, . . . . .	Worcester.
Maud Donnelly, . . . . .	Spencer.
Loretta Gallagher, . . . . .	Worcester.
Ella Haskell, . . . . .	North Brookfield.

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Lucy May Holbrook, . . . . .	Worcester.
Ethelreda Regina Larkin, . . . . .	Worcester.
Cora Louise Larsen, . . . . .	Worcester.
Kate Etta Leavey, . . . . .	Allston.
Josephine Gertrude Lynch (A), . . . . .	Worcester.
Ellen Theresa McInerny, . . . . .	Worcester.
Lydia Mertice Newton, . . . . .	Auburn.
Sarah Anne O'Malley, . . . . .	Worcester.
Alice Kerning Rafferty, . . . . .	Worcester.
Edith Bertha Smith, . . . . .	Worcester.
Lucella Holt Smith, . . . . .	Worcester.
Florice Sadie Belle Taylor, . . . . .	Worcester.
Mary Genevieve Trainor, . . . . .	Worcester.
Estella Alice Vaughan, . . . . .	North Prescott.
Grace Duell Wilbur, . . . . .	West Brookfield.
Nellie Eveleth Willard, . . . . .	Worcester.

## THIRD CLASS.

Bertha Belle Allene Ackley, . . . . .	Worcester.
Gertrude Louise Adams, . . . . .	Gardner.
Svea Boson, . . . . .	Worcester.
Elizabeth Annie Bragg, . . . . .	Worcester.
May Lenore Brooks, . . . . .	Worcester.
Ella Gertrude Brosnan, . . . . .	Worcester.
Adah Isabelle Childs, . . . . .	Hyde Park.
Edna Augusta Collamore, . . . . .	Worcester.
Jennie Eva Conner, . . . . .	Southbridge.
Teresa Margaret Curran, . . . . .	Worcester.
Agnes Emily Daniels, . . . . .	Worcester.
Agnes Dolan, . . . . .	Worcester.
Catherine Agnes Dolan, . . . . .	Worcester.
Elizabeth Marie Flanagan, . . . . .	Worcester.
Catherine Agnes Gilfillan, . . . . .	Worcester.
Addie May Ginn, . . . . .	Worcester.
Margaret Clare Gleason, . . . . .	Worcester.
Anna Theresa Hanley, . . . . .	Leicester.
Maidie Gertrude Hays, . . . . .	Worcester.
Katherine Antonia Hazelton, . . . . .	Worcester.
Alice Eudora Hoadley, . . . . .	Gardner.
Elizabeth Isabel Holliday, . . . . .	Worcester.
Fannie May Holmes, . . . . .	Worcester.
Ethel Montague Irwin, . . . . .	Brookfield.
Ruth Jenness Johnson, . . . . .	Stratford, N. H.
Leonora Mary Frances Lavin, . . . . .	Worcester.
Herbert Augustus Libby, . . . . .	Worcester.
Lulu Reinette Lovewell, . . . . .	Hubbardston.

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Ellen Theresa Maher, . . . . .	Worcester.
Isadore Helen Mason, . . . . .	Gardner.
Katherine Teresa McCarthy, . . . . .	Worcester.
Ellen Catherine McKenna, . . . . .	Worcester.
Frances Elizabeth McManus, . . . . .	Worcester.
Anna Maria McNally, . . . . .	Worcester.
Julia Emmeline McNulty, . . . . .	Worcester.
Mabel Sarah Morse, . . . . .	Gardner.
Ellen Elizabeth Moynihan, . . . . .	Worcester.
Mary Ellen Mullane, . . . . .	Milford.
Mary Agnes O'Reilly, . . . . .	Worcester.
Ethel Marlon Piper, . . . . .	Newton Upper Falls.
Marion Elizabeth Pollard, . . . . .	Worcester.
Katherine Bernardine Power, . . . . .	Worcester.
Mary Louisa Powers, . . . . .	Spencer.
Nellie Eva Powers, . . . . .	Westborough.
Harriet Ashton Sayle, . . . . .	Worcester.
Mary Teeling Sharkey, . . . . .	Worcester.
Elizabeth Teresa Sharry, . . . . .	Worcester.
Sophia Caroline Stenman, . . . . .	Worcester.
Margaret Estelle Temple, . . . . .	Upton.
Lottie Amanda Thayer, . . . . .	Auburn.
William Aloysius Tierney, . . . . .	Worcester.
Alice Towne, . . . . .	Spencer.
Sarah Winifred Tracy, . . . . .	Worcester.
Queenie Victoria Walker, . . . . .	Shrewsbury.
Nettie Sarah Whitaker, . . . . .	Worcester.
Lucy Edna Wilbur, . . . . .	West Brookfield.

## FOURTH CLASS.

Mary Theresa Broderick, . . . . .	Worcester.
Nellie Gertrude Coughlin, . . . . .	Spencer.
Mary Gertrude Daley, . . . . .	Worcester.
Katharine Faith Gallivan, . . . . .	West Brookfield.
Agnes Teresa Hart, . . . . .	Worcester.
Emily Alice Heslin, . . . . .	Worcester.
Ethel Merrill Howard, . . . . .	Charlton.
Catherine Cecilia Kelley, . . . . .	Warren.
Mary Magdalen Josephine Larkin, . . . . .	Worcester.
Margaret Patricia McAuliffe, . . . . .	Worcester.
Maria McGillicuddy, . . . . .	Worcester.
Catherine Agnes McHugh, . . . . .	Worcester.
Anna Bernardine McTiernan, . . . . .	Worcester.
Annie Elizabeth Murphy, . . . . .	Worcester.
Margaret Anna Murphy, . . . . .	Ware.
Alice Elizabeth Walker, . . . . .	West Boylston.
Sadie Gertrude Wyman, . . . . .	Hubbardston.

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## STUDENTS TEMPORARILY ABSENT ON LEAVE.

Alice Belle Aldrich, . . . . .	Southbridge.
Lydia Maud Barton, . . . . .	Worcester.
Ida May Beaman, . . . . .	Westborough.
Addie Jane Blanchard, . . . . .	Worcester.
Nellie Roena Fitch, . . . . .	Gardner.
Elsie Adelaide Hastings, . . . . .	Westborough.
Catherine Matilda Lynch, . . . . .	West Boylston.
Gertrude Agnes Nutting, . . . . .	Gardner.
Sara Elizabeth Pollard, . . . . .	Worcester.

## PRIMARY CLASS.

NAMES.	AGES IN YEARS AND MONTHS.
Mary Adams, . . . . .	6-9
Maud Alice Ames, . . . . .	5-1
Hazel Irene Blake, . . . . .	5-2
Eileen Nolan, . . . . .	4-10
Louise Pike, . . . . .	5-7
Ruth Annie Roundey, . . . . .	5-4
Gertrude Sheehan, . . . . .	5-1
Josie Agnes Sullivan, . . . . .	5-4
Grace Wyman, . . . . .	6-0
Harry Whitfield Beals, . . . . .	5-10
Emory Rice Bullard, . . . . .	7-2
Harry Downey, . . . . .	6-1
Ralph Burleigh Edson, . . . . .	6-10
Charles Ray Fogerty, . . . . .	5-1
Roy Archibald Peckham, . . . . .	6-2
Frederick James Rogers, . . . . .	6-0
Arnold Parker Sturtevant, . . . . .	6-7

## KINDERGARTEN.

NAMES.	AGES IN YEARS AND MONTHS.
Florence Isabel Calder, . . . . .	4-4
Gertrude May Carpenter, . . . . .	4-4
Julia Cunningham, . . . . .	4-1
Ruth Jennie Dunlop, . . . . .	3-10
Ruth Sigrid Englund, . . . . .	3-5
Ella Finneran, . . . . .	4-4
Catherine Flynn, . . . . .	3-11
Helen Harwood Hobbs, . . . . .	4-5
Henrietta Agnes Madden, . . . . .	3-4

NAMES.	AGES IN YEARS AND MONTHS.
Gertrude Porter, . . . . .	3-5
the Ryan, . . . . .	3-11
later, . . . . .	3-1
Agnes Sullivan, . . . . .	4-10
May Whipple, . . . . .	3-4
Id Gottfried Anderson, . . . . .	4-2
s Warner Bottomly, . . . . .	4-1
rd Anthony Duffee, . . . . .	4-2
am Heffren, . . . . .	4-2
r Higgins, . . . . .	3-3
el Percy Huntington, . . . . .	4-1
ew McLean, . . . . .	4-6
is Mullaney, . . . . .	4-2
ge Draper Munger, . . . . .	4-8
en Horton Pike, . . . . .	3-8
s John Reardon, . . . . .	3-7
on Sanford, . . . . .	3-8
rick Addison Smith, . . . . .	4-3
Harrison Young, . . . . .	4-8

## SUMMARY OF NUMBERS.

Graduates, . . . . .	8
Class, January, 1896, . . . . .	31
Class, June, 1896, . . . . .	23
entices, . . . . .	42
Id Class, . . . . .	28
I Class, . . . . .	56
h Class, . . . . .	17
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Number of different pupils in attendance for the year 1895-96, . . . . .	205
Number in Primary Class, . . . . .	17
Number in Kindergarten, . . . . .	28
Number absent on leave, . . . . .	9

## CIRCULAR OF INFORMATION.

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### HISTORICAL SKETCH.

The following extract, from the thirty-seventh annual report (1872-73) of the Board of Education, gives in outline a history of the establishment of this school : —

By the terms of a Resolve which went into effect on the twenty-fifth day of June, 1871, the Board of Education were authorized and required to establish a State Normal School in the city of Worcester; and the trustees of the Worcester Lunatic Hospital were authorized and required to convey to the Board of Education and its successors a tract of land of not more than five acres, to be located by the Governor and Council, within certain limits fixed in the Resolve. An appropriation of sixty thousand dollars was made, upon condition that the city of Worcester should pay the Board of Education for the purposes named in the Resolve the sum of fifteen thousand dollars. This condition was promptly complied with. The tract was located by the Governor and Council Sept. 2, 1871; and on the nineteenth day of September, 1871, the conveyance was made by the trustees of the hospital to the Board of Education and its successors in trust, as directed.


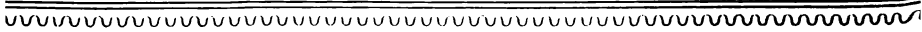
The tract of land located is upon Hospital Hill in Hospital Grove (formerly so called), within a short distance of the new union depot now in process of erection, — a point at which, when the railroad arrangements now in progress shall be completed, pupils residing on the line of either of the roads leading into the city of Worcester can arrive in season for the commencement of school each day, and take the cars to return after the school exercises are finished.

The exercises of dedication took place on Friday, Sept. 11, 1874; and on the following Tuesday (September 15) the school was opened to pupils.

### THE BUILDINGS.

The school-house is a large, three-story, massive structure, built of stone taken from the hill upon which it stands. Its position gives an extensive view of Worcester and its surroundings. From the front steps one looks westward down through clumps of trees over the city lying spread within an inner circle of rolling country. The site, more-

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MAIN HALL (Rear View).



over, has all the advantages that light and air can give it. It is not more than fifteen minutes' walk from the union station, wherein centre the various lines of railroad by which a considerable portion of the pupils come in daily from their homes.

In its interior arrangement the building is spacious and unusually well fitted to the various needs of the school. Wide corridors and stairways, large and commodious wardrobe-rooms, class-rooms, study-rooms, lunch-room, and in the middle of the building a noble hall, all well lighted, make up an assemblage of conveniences and attractions not often met with even in structures of far greater cost. The main hall, by far the largest and pleasantest room in the building, is used as the daily living room of the school. It is well furnished with such books as the students most frequently need, and is adorned with busts of eminent men and with pictures, for the most part gifts of past graduating classes. The building is efficiently warmed by hot air as well as by steam.

In 1891 a new double building was erected upon the north side of the school grounds, consisting of a dwelling-house for the principal and a dormitory for teachers and students. The latter (Stoddard Terrace) furnishes excellent accommodations for twenty persons, exclusive of a basement tenement for the janitor.

The main building, having by more than twenty years' use fallen into disrepair, was vigorously taken in hand last summer and thoroughly renovated from roof to basement. It is now, in fact, handsomer and in better condition for service than when it was first built. It is provided, moreover, with what it never had before, namely, a modern ventilating apparatus which has proved satisfactory in use. An electric light service has also been added, which will prove a great convenience in the winter months.

#### THE NEW GYMNASIUM.

A new building of moderate size but of substantial construction and architectural dignity and beauty has been erected and fully equipped for use as a gymnasium. It is amply provided with modern apparatus, bath-rooms, etc., and for convenience and utility is second to no similar structure in the State. It is adjacent to the main school building on the south and is connected with it by a closed corridor, thus avoiding all exposure in passing from one to the other.

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The school grounds comprise five acres, enclosed by a substantial wall of masonry, and diversified by picturesque slopes, with groups of trees and shrubs.

#### AIM AND PURPOSE OF THE SCHOOL.

The Board of Education, by a vote passed May 6, 1880, stated the design of the school, and the course of studies for the State Normal School, as follows : —

The design of the normal school is strictly professional; that is, to prepare in the best possible manner the pupils for the work of organizing, governing and teaching the public schools of the Commonwealth.

To this end there must be the most thorough knowledge, first, of the branches of learning required to be taught in the schools; second, of the best methods of teaching these branches; and third, of right mental training.

#### CONDITIONS OF ADMISSION.

Candidates for admission to any one of the normal schools must have attained the age of seventeen years complete if young men, and sixteen years if young women, and must be free from any disease or infirmity which would unfit them for the office of teacher.

They must present a certificate of good moral character, give evidence of good intellectual capacity, be graduates of a high school whose courses of study have been approved by the Board of Education, or they must have received, to the satisfaction of the principal and the Board of Visitors of the school, *the equivalent of a good high school education*. Candidates must also declare their intention to complete the course of study in the school, and afterwards to teach in the public schools of Massachusetts.

To persons thus declaring their intention to teach, tuition is free; but persons intending to teach in other States, or in private schools, may be admitted to the normal schools upon paying fifteen dollars a term for tuition, provided their admission does not exclude or inconvenience those intending to teach in the public schools of the Commonwealth.

#### THE EXAMINATION.

The examination will embrace the following groups : —

1. **Languages.** — (*a*) English, with its grammar and literature, and (*b*) one of the three languages, Latin, French and German.
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2. **Mathematics.** — (a) Arithmetic, (b) the elements of algebra and (c) the elements of plane geometry.

3. **History and Geography.** — The history and civil government of Massachusetts and the United States, with related geography and so much of English history as is directly contributory to a knowledge of United States history.

4. **Sciences.** — (a) Physical geography, (b) physiology and hygiene, (c) physics, (d) botany and (e) chemistry.

5. **Drawing and Music.** — (a) Elementary, mechanical and freehand drawing, with any one of the topics, form, color and arrangement, and (b) musical notation, with ability to sing, if practicable.

#### ORAL EXAMINATION.

The candidate will be questioned orally either upon some of the foregoing subjects or upon matters of common interest to him and the school, at the discretion of the examiners. In this interview the object is to gain some impression about the candidate's personal characteristics and his use of language, as well as to give him an opportunity to furnish any evidences of qualification that might not otherwise become known to the examiners. Any work of a personal, genuine and legitimate character that the candidate has done in connection with any of the groups that are set for examination, and that is susceptible of visible or tangible presentation, may be offered, and such work will be duly weighed in the final estimate, and may even determine it. To indicate the scope of this feature, the following kinds of possible presentation are suggested, but the candidate may readily extend the list: —

1. A book of drawing exercises, — particularly such a book of exercises as one might prepare in following the directions in "An Outline of Lessons in Drawing for Ungraded Schools," prepared under the direction of the Massachusetts Board of Education, or in developing any branch of that scheme.

2. Any laboratory note-book that is a genuine record of experiments performed, data gathered or work done, with the usual accompaniment of diagrams, observations and conclusions.

3. Any essay or article that presents the nature, successive steps and conclusion of any simple, personally conducted investigation of a scientific character, with such diagrams, sketches, tables and other helps as the character of the work may suggest.

4. Any exercise book containing compositions, abstracts, analyses or other written work that involves study in connection with the literature requirements of the examination.

#### SPECIAL DIRECTIONS.

I. **Languages.** (a) **ENGLISH.** — The importance of a good foundation in English cannot be overrated. The plan and the subjects for the examination will be the same as those generally agreed upon by the colleges and high technical schools of New England. While it is hoped that candidates may be

able to study all the works given in this plan, the topics and questions will be so prepared for 1896, and thereafter until further announcement, that any candidate may expect to meet them who has mastered *half* of the works assigned for reading (or a bare majority of them) and *half* of the works assigned for study and practice, the selection to be at the candidate's option.

*No candidate will be accepted in English whose work is notably deficient in point of spelling, punctuation, idiom or division of paragraphs.*

1. *Reading and Practice.* — A limited number of books will be set for reading. The candidate will be required to present evidence of a general knowledge of the subject-matter, and to answer simple questions on the lives of the authors. The form of examination will usually be the writing of a paragraph or two on each of several topics to be chosen by the candidate from a considerable number — perhaps ten or fifteen — set before him in the examination paper. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. In the place of a part or the whole of this test, the candidate may present an exercise book, properly certified by his instructor, containing compositions or other written work done in connection with the reading of the books.

The books set for this part of the examination will be: —

1896. — Shakespeare's *Midsummer Night's Dream*; Defoe's *History of the Plague in London*; Irving's *Tales of a Traveller*; Scott's *Woodstock*; Macaulay's *Essay on Milton*; Longfellow's *Evangeline*; George Eliot's *Silas Marner*.

1897. — Shakespeare's *As You Like It*; Defoe's *History of the Plague in London*; Irving's *Tales of a Traveller*; Hawthorne's *Twice-Told Tales*; Longfellow's *Evangeline*; George Eliot's *Silas Marner*.

1898. — Milton's *Paradise Lost*, Books I. and II.; Pope's *Iliad*, Books I. and XXII.; *The Sir Roger de Coverley Papers in The Spectator*; Goldsmith's *Vicar of Wakefield*; Coleridge's *Ancient Mariner*; Southey's *Life of Nelson*; Carlyle's *Essay on Burns*; Lowell's *Vision of Sir Launfal*; Hawthorne's *The House of the Seven Gables*.

2. *Study and Practice.* — This part of the examination presupposes a more careful study of each of the works named below. The examination will be upon subject-matter, form and structure, and will also test the candidate's ability to express his knowledge with clearness and accuracy.

The books set for this part of the examination will be: —

1896. — Shakespeare's *Merchant of Venice*; Milton's *L'Allegro, Il Penseroso, Comus and Lycidas*; Webster's *First Bunker Hill Oration*.

1897. — Shakespeare's *Merchant of Venice*; Burke's *Speech on Conciliation with America*; Scott's *Marmion*; Macaulay's *Life of Samuel Johnson*.

1898. — Shakespeare's *Macbeth*; Burke's *Speech on Conciliation with America*; De Quincey's *Flight of a Tartar Tribe*; Tennyson's *The Princess*.

(b) One only of the three languages, *Latin, French and German*. The translation at sight of simple prose, with questions on the usual forms and ordinary constructions of the language.

**II. Mathematics.** (a) **ARITHMETIC.** — Such an acquaintance with the subject as may be gained in a good grammar school.

(b) **ALGEBRA.** — The mastery of any text-book suitable for the youngest class in a high school, through cases of affected quadratic equations involving one unknown quantity.

(c) **GEOMETRY.** — The elements of plane geometry as presented in any high school text-book. While a fair acquaintance with ordinary book work in geometry will be accepted, candidates are advised, so far as practicable, to train themselves to do original work both with theorems and problems, and an opportunity will be offered them, by means of alternative questions, to test their ability in such work.

**III. History and Geography.** — Any school text-book on United States history will enable the candidate to meet this requirement, provided he studies enough of geography to illumine the history, and makes himself familiar with the grander features of government in Massachusetts and the United States.

**IV. Sciences.** (a) **PHYSICAL GEOGRAPHY.** — The mastery of the elements of this subject as presented in the study of geography in a good grammar school. If the grammar school work is supplemented by the study of some elementary text-book on physical geography, better preparation still is assured.

(b) **PHYSIOLOGY AND HYGIENE.** — The chief elementary facts of anatomy, the general functions of the various organs, the more obvious rules of health, and the more striking effects of alcoholic drinks, narcotics and stimulants upon those addicted to their use.

(c), (d) and (e) **PHYSICS, CHEMISTRY AND BOTANY.** — The elementary principles of these subjects so far as they may be presented in the courses usually devoted to them in high schools.

**V. Drawing and Music.** (a) **DRAWING.** — Mechanical and freehand drawing, enough to enable the candidate to draw a simple object, like a box or a pyramid or a cylinder, with plan and elevation, to scale, and to make a freehand sketch of the same in perspective. Also, any one of the three topics, form, color and arrangement.

(b) **MUSIC.** — The elementary principles of musical notation, such as an instructor should know in teaching singing in the schools. Ability to sing, while not required, will be prized as an additional qualification.

It may be said, in general, that if the ordinary work of a statutory high school, even if it is of the second or lower grade, is well done, the candidate should have no difficulty in meeting any of the academic tests to which he may be subjected. He cannot be too earnestly urged, however, to avail himself of the best high school facilities attainable in a four years' course, even though he should pursue studies to an extent not insisted on, or take studies not prescribed in the admission requirements.

The importance of a good record in the high school cannot be over-estimated. The stronger the evidences of character, scholarship and promise, of whatever kind, he brings from his school and his teachers, especially from schools of high reputation and from teachers of good judgment and fearless expression, the greater confidence he may have in guarding himself against the contingencies of an examination and of satisfying the examiners of his fitness.

*Reasonable allowance in equivalents will be made in case the candidate, for satisfactory reasons, has not taken a study named for examination.*

The following approximate time allowances will indicate the brevity of the papers that may be set for examination :—

- I. LANGUAGE, two hours.
- II. MATHEMATICS, two hours.
- III. HISTORY AND GEOGRAPHY, one hour.
- IV. SCIENCES, two hours.
- V. DRAWING AND MUSIC, one hour.

The examinations are held at the main building, beginning at 9 A.M.; and lunch should be brought each day, on account of the distance of the school from the centre of the city.

*Private examinations cannot be given.*

### COURSES OF STUDY.

#### GENERAL TWO YEARS' COURSE.

The general course of study for two years shall comprise the following subjects :—

Psychology, history of education, principles of education, methods of instruction and discipline, school organization, school laws of Massachusetts, methods of teaching the following subjects :—

1. English, — reading, language, rhetoric, composition, literature, history.
  2. Mathematics, — arithmetic, book-keeping, algebra, geometry.
  3. Science, — elementary physics and chemistry, geography, physiology, study of minerals, plants and animals.
  4. Drawing, vocal music, physical culture, manual training.
- Observation and practice in the training school, and observation in other public schools.

Graduates of colleges and universities, and of high schools of a high grade and standing, who give evidence of maturity, good scholarship and of aptness to teach, may, with the consent of the principal of the school and of the Board of Visitors, select from the above curriculum of study a course which may be completed in one year, and when such course is successfully completed they shall receive a certificate for the same.

**ADVANCED COURSE OF TWO YEARS.**

The subjects of the advanced course of study for two years are as follows : —

Psychology, history of education, science and art of teaching, school organization, school discipline, school laws of Massachusetts, methods of teaching the following subjects : —

1. Language and literature, — English, French, German, Latin and Greek.
2. Mathematics, — arithmetic, algebra, geometry, trigonometry and surveying.
3. Science, — chemistry, physics, astronomy, physical geography, geology, mineralogy, botany, zoölogy, physiology.
4. History, economics, philosophy.
5. Drawlug, vocal music, physical culture, manual training.
6. Preparation of specimens and apparatus.

Persons of exceptional maturity, of a high standing in college, and who give evidence of superior scholarship and special aptness to teach, may, with the approval of the principal of the school and of the Board of Visitors, select from the above curriculum of study a course which may be completed in one year, and when such course is successfully completed they shall receive a certificate for the same.

The above is an enumeration of the studies ; their order in the course and the relative emphasis placed upon each are determined by the principal of each school, with the approval of the visitors of that school.

It also needs to be stated that, while the foregoing list of subjects marks out the field covered in the school curriculum, it gives no adequate idea of the actual work done. It is made a special aim to seize every opportunity to give the pupils the benefit of whatever tends to fit them for the work of teaching. The spirit of this endeavor pervades the whole school. It influences the mode and character of most of the exercises, and imparts to the whole work a tone and zest difficult to describe, but which determines whatever of distinct character the normal school possesses.

**AIM AND SCOPE OF THE WORK.**

The normal school sets for itself the task of preparing young persons for a calling which requires knowledge, both general and technical, but, in even greater measure, insight and ingenuity, and capacity for meeting small emergencies. The knowledge demanded

is in great part knowledge of the material to be operated on and of the conditions and limitations under which the work must be carried on. In this respect teaching stands on about the same footing as the practice of medicine and the arts of war and navigation, where technical knowledge may hinder rather than help unless it be supplemented at every step by skill and address that come only through experience. The training in a normal school, therefore, must be practical, that is, must include some form of practice in teaching. Among the few forms of practice in vogue, that should be adopted which aims at scope and versatility rather than precision of method; or, what is the same thing, that which is most nearly allied to experience. Preparation of lessons, which includes arrangement of the topics, questions, illustrations, etc., is of course necessary, but the attention must not be exclusively focused on this. The object to which the teacher's search-light should be directed is always the pupil, — the individual pupil here and now. As no general plans a campaign and no captain lays the course of his ship except in a manner subject to instant and even complete change, so no teacher can minutely prepare a lesson, and give it to a class as prepared, without great risk of missing opportunities for something far better and more timely. Excessive criticism, which is apt to be directed to methods rather than results, tends to the degradation of any art to the level of a trade. It easily becomes chilling and destructive rather than creative. Hence, to enlighten, to stimulate, to broaden the mind of the student; to encourage to self-dependence and readiness for the unexpected, to perseverance, to an alliance with human instincts, to reliance on the effects of time; above all, to cultivate "a lively and wakeful sense of whatever is going on," together with a sympathetic and persuasive spirit, — these, and nothing less, must be the constant aim of the practical as well as the technical instruction of the normal school. At the same time, the young teacher, in the midst of her ideals, must be guarded against a certain tendency to detach herself from her own proper nature and assume, as an exemplar, an attitude and habit of thought somewhat above the common plane; her character and manner must be kept sincere and at the human level.

LEAVE OF ABSENCE. — It is often the case that, through weak health or stress of circumstances, pupils may be obliged to miss one, two, three or more terms. It is in the interest of such that the course

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need not be pursued uninterruptedly to the end. Students may, and often do, obtain leave of absence to teach or to rest, and resume their work afterwards. This divides, but does not shorten, their course of study.

**TERMS OF TUITION.** — Tuition, and also the use of all text-books and necessary school stationery (except drawing materials), are free to such as intend to teach in the public schools of Massachusetts, *whether residents of this State or not.* Those whose purpose is to teach in other States or in private schools are required to pay in advance fifteen dollars a term (thirty dollars a year) for tuition.

*Pupils who withdraw from the school without permission of the principal must pay at the rate of fifteen dollars a term for the tuition they have received.*

#### GOVERNMENT.

The government of the school is not a government of rules, nor even of laws. The school is not without law, but the pupils are led by suggestion, encouragement and admonition to become a law unto themselves. That this is a statement not merely of what is thought desirable as a method of government, but of what is actually accomplished, is the testimony of both official and casual visitors of the school. The pupils hardly realize that they are governed; they feel that they govern themselves.

#### HEALTH.

**INSTRUCTION IN HYGIENE.** — A marked feature of the school is the special attention directed not only to the physical well-being of the pupils, but to such instruction as will enable them to deal practically with living questions of hygiene as they arise in every-day life. The pupils are both taught to understand the conditions of healthful life, and trained and assisted to put into practice the instruction they receive in the care of health. They have careful oversight, and are advised individually according to their needs. No pupil enters the school without furnishing a physician's certificate of good health, and no pupil is allowed to remain whose physical condition is not thought equal to the demands of the school work. In cases of fatigue, exhaustion, or such indisposition as may unfit pupils for duty, they are advised to take immediate rest; and it is for the use of such that a quiet room, fittingly furnished, and one of the lightest and pleasantest

in the building, has been set apart. Special efforts are made to counteract any tendency to overwork, over-excitement or hurry. No recitations or study periods are longer than forty minutes, and during the ample and frequent intervals of relaxation school work is completely put aside.

**RECREATION.** — The pupils find a fund of social recreation not only in the hall, which is provided with a piano, and which is thrown open to them to enjoy themselves as they will, but in the large lunch-room, used exclusively for the purpose that its name indicates. Shortly after midday the luncheons, left since the last recess in the hot closet, are brought out, and the room is soon made lively by the voices of a hundred or more pupils, seated in groups around tables filled to overflowing with the several contributions to this noonday feast. During the warmer months, however, even the lunch-room has to yield in attractiveness to the tree-shaded grounds about the building.

**PHYSICAL EXERCISE.** — A special time is set apart each day for physical exercises of some sort. These consist in part of training in the Ling system of gymnastics; they include also drill in the throwing of light balls, the handling of sticks or wands, marching to music, singing in chorus, or such exercise in or out of doors as is fitted to develop vigor and activity of body at the same time that it cultivates habits of precision and accuracy, and fits the pupils to meet some of the difficulties of drill and discipline in the profession for which they are being trained.

#### **PLATFORM EXERCISE.**

This exercise has the somewhat comprehensive aim of helping pupils to command their faculties and use their mother-wit amid the interruptions and distractions of the school-room. It consists of speaking, reading, drawing, etc., on the platform in presence of the school. The widest range is given to choice of subject and to manner of presenting it, with the single restriction of time. The prepared material must not occupy more than four minutes, although the questions asked by teachers and pupils may change the performance to extemporaneous speaking, and prolong it indefinitely. Forty minutes are used in this manner each day. No time is assigned to individuals, but each takes part when he chooses, or can find opportunity, with the well-understood provision that not less than nine persons

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must be prepared and on the platform every day. Since the exercise is a trying one to pupils, there is little direct criticism, and such as is made generally takes the form of commendation of the excellences of the performance. In reply to the question, "What school exercise was most profitable to you?" graduates are almost certain to name this, or "The study of children."

### THE LIBRARY.

A library of between four thousand and five thousand volumes has been placed in the main hall and the adjoining rooms, where it is at all times easily accessible. While the books are selected for their excellence, they are adapted to the class of readers for whom they are designed, and the appearance of the collection indicates that the use of it is in large measure general as well as constant. Besides a liberal supply of the reference books that all scholars need in the various departments of study, together with English, German and French works on education, the library is especially strong in the subjects of botany, natural history, anthropology and folk-lore. Such authors as Thoreau, Jefferies, Abbott, Burroughs, Torrey and Bolles are bought and replaced more frequently perhaps than any other class. Many copies of the best collections of fables and fairy tales are required, especially for the use of those taking the apprenticeship in the lowest grades of schools. Volumes of poetry, travel, biography, essays and novels are always in use, the proportionate supply of each being roughly indicated by the order in which they are named.

Pupils may take home one volume each, every day, if they choose, by writing the name of the borrower and the title and number of the book on a dated card prepared for the purpose. The book must be returned on the next day and put in its place. The card is then destroyed. On Saturday two volumes may be taken, to be returned on the following Tuesday. By this simple system borrowing is made so easy that pupils are insensibly led to choose their reading from this library rather than any other.

The care of a library so much used involves much labor, but a plan of distributing the necessary oversight prevents its being burdensome. To each pupil is assigned one shelf, for the order of which she is responsible. She makes a list of the books on a printed form, and at some time in each twenty-four hours ascertains that all

are either in place or accounted for by cards left by borrowers. If a missing book is not thus accounted for she reports to the principal, who makes inquiry for it. A teacher numbers the new books, places them on the shelves and by frequent inspection assures herself that pupils are not remiss.

The principal educational periodicals and monthly magazines are furnished and lent in the same way as the books.

### APPRENTICESHIP.

The students in this school have the opportunity, before their graduation, of serving an apprenticeship at teaching in the public schools of Worcester.

The "apprentice" acts as assistant to the teacher of the city school; takes part in the instruction, management and general care of the pupils, under the direction of the teacher; and is sometimes intrusted with the sole charge of the school during the teacher's absence for an hour, a half day or a day. One student only at a time is assigned to any teacher, but each apprentice serves in at least three grades of schools.

The time taken for the apprenticeship comes just before the final term in the normal school, and amounts to half a school year. But the apprentices spend one day of each week (Wednesday) at the normal school, where they are occupied in the following manner:—

They consult with the teachers and with one another, and make use of books.

They make informal statements to the school of such facts of their experience as it may profit the other pupils to know,—concerning ways of teaching, cases of discipline and the like,—keeping in mind always the private character of the daily life of the school-room, and under special warning against revelations that might seem objectionable.

Each apprentice keeps a diary of the occupation and experience of every day, and this record is inspected by the faculty of the normal school. The following extracts from diaries are given as specimens:—

MONDAY (Grade I.). — I used a new blackboard to-day, and the part of the room from which the board could be easily seen was so small that the children were somewhat crowded. To get them to stand in a half circle, I drew





APPRENTICE AT WORK (Geography Grade IX    Winflow Street).

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a new moon on the board and asked the children to stand so as to make a moon. I placed them in the order in which I wanted them to stand, and they kept their places until I drew some pictures on the board. Then they were all out of place, and I asked them to make the moon for me while I went to the closet for something. When I got back they were all in their places, and I could not have arranged them better myself. This pleased me more than anything else to-day.

**TUESDAY** (Grade III.).—I have one boy in my room who is very near-sighted, and to-day I forgot to change his seat for the language lesson. During the first part of the lesson he did not give any attention, and I had to speak to him several times. I began to wonder what was the matter with John, when it occurred to me that perhaps he could not see what was put on the board and so was not interested in it. I changed his seat, and then he was as eager to recite and do his part as any of the children.

**WEDNESDAY** (at the normal school).—It seems as though I get more direct help during the apprentices' "open period" than at any other time on Wednesday. We discuss such little details as do not seem worth referring to a teacher, and I find it a great help to hear of the experiences of the other apprentices. One apprentice asks, for instance, "What do you teach for 'Nature Study'?" Then the account of three or four different topics taught is given by one and another, and there is a mutual gain. Cases of discipline, management, etc., outside of the course of study prove a valuable subject for discussion.

**THURSDAY** (Grade IV.).—Peter is a new boy who has been with us but a few days. I have not required much of him yet, hoping that he would soon learn our ways. Yesterday he did not know his geography lesson, and to-day, when the children studied, I told him I wanted him to learn the names of the five Great Lakes. When I asked him to recite he said he couldn't. I asked him if he tried to learn them, and he said "No." I did not know just what to do. I did not know the boy nor the things which would appeal to him. But I said to the class, "You may recite the names of the lakes for Peter, one at a time at the map, and we'll see how many will have to recite before he can say them." The first one or two he did not pay much attention to, but after about five had recited he had his hand up ready to say his lesson.

**FRIDAY** (Grade IV.).—In planning a lesson to give within twenty minutes, I thought I should be able to teach the physical features of the United States. I had the map drawn in white chalk and placed before the class, and intended to have the features put in in colored chalk. I began by putting in the Mississippi River in blue, and in my conversation with the children I found that they didn't know what the source and mouth of a river were. I then changed the plan of my lesson, and gave a thorough lesson on a river. The children understood it, and showed great interest in the descriptive part of my talk.

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I also taught them incidentally a valley and a river bed; and heard from them reasons of their own why rivers flow irregularly through the land, and not in a straight line.

This was yesterday. To-day I planned to teach the mountain ranges, and at the end of the lesson I made sure that three-fourths of the children knew them and could point them out on the map; I can safely vouch for the rest, although I did not try them. At first I was to line in each range with green chalk according as the children knew them; but as I was about to do the first one I saw Harold slide down in his seat and whisper. I said "Harold may put in the Appalachian Mountains." When he heard his name he jumped up and stared as though he did not understand. I repeated it, and he came up with a puzzled expression on his face and did what he was told to do. I had but one piece of green chalk, and wished I had more, as I noticed another boy whose interest was flagging. I broke the chalk, and finally had four of the most troublesome boys busy at the map, each putting in a range of mountains, while the rest of us talked about mountains. The boys thought it a treat to use the colored chalk, and looked at the others with an air of great importance, as having helped to make the map.

The apprentice is visited by the faculty of the normal school while engaged in his work, is carefully observed and is aided by suggestions. The teacher of each school in which he has served makes out a report in the following form:—

[STATE NORMAL SCHOOL AT WORCESTER.]

Report of the apprentice work of .....

Grade ..... Street School.

Time, from ..... to .....

Scale, 10. Please use no fractions. A mark of 5 will be regarded as *fair*, 8 as *excellent*, while 10 should be reserved for *supreme excellence*.



**NOTE.**—It is strongly desired that teachers may not feel the making of this report burdensome, and it is therefore hoped that they will not hesitate to omit any particulars that may be hard or perplexing for them to give.

ITEM.	MARK.	REMARKS.
Number of absences, . . . . .		
Number of tardinesses, . . . . .		
General bearing, . . . . .		
Thoroughness in preparing lessons, . . . . .		
Skill in questioning, . . . . .		
Skill in explaining and illustrating, . . . . .		
General ability in giving lessons, . . . . .		
General ability in conducting recitations, . . . . .		
Power of control, . . . . .		
Power of interesting, . . . . .		
Enthusiasm, . . . . .		
Improvement under criticism, . . . . .		
Improvement through experience, . . . . .		

1. (a) In what subjects (if any) has the apprentice shown special excellence?

(b) In what subjects (if any) has she shown marked deficiency?

2. (a) What points of excellence (if any) have been shown in management?

(b) What weakness or deficiency?

#### EXPLANATIONS AND REMARKS.

[Signature] .....

Important data are thus provided for an estimate of the ability of students to instruct and control ordinary pupils in our common schools. The additional six months of preparation required for the experience secure increased maturity of body and mind; and the students of this school, with very few exceptions, eagerly avail themselves of their opportunity.

The main object of the apprenticeship is, however, to give the student practical acquaintance with the teaching of children through daily observation and practice under supervision, direction and criticism.

Our graduates, after the lapse of a sufficient number of years for them to estimate the effects of the apprenticeship upon themselves, testify almost unanimously to its great value. Some regard it as "the most important term in the whole course of the normal school."

"By the kindly criticism of my teachers I was enabled to correct many faults before I became confirmed in them. I also gained many important ideas in school management that have been of great service to me."

"Even after four years I frequently find myself influenced in ordering or planning my work by memories of my apprenticeship."

"It helped me to see the practical side of teaching, and showed me some of the difficulties which I should have to meet when I became a teacher."

The school board of the city of Worcester heartily approve the apprenticeship, on the ground of the benefit accruing indirectly to the city schools through the greater fitness of the apprentices to become teachers.

During the past year, especially, the superintendent and his assistant have been indefatigable in their efforts to render all the conditions of the apprenticeship as favorable and improving as possible, both to the apprentice and the teacher, with the manifest result that this part of our training has received a strong impetus in the direction of definiteness and system as well as of vigor and efficiency. With the local and State authorities thus working together, there is no limit to the possibilities of mutual advantage which this system of practice possesses.

As the student of the normal school who passes successfully through the period of apprenticeship receives a certificate of the fact in connection with his diploma at graduation, the extra time required for the experience must in almost every case be more than made good by the greater probability of securing a position, and the greater likelihood of success at the outset of the teacher's career.

There are, however, individuals in the school for whom it is impos-

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sible or impracticable to undertake this special preparation. The apprenticeship is not enforced upon any student; it is simply recommended. Individuals who do not enter upon it enjoy all the advantages of the school, with this single exception.

### THE STUDY OF CHILDREN.

The school is much indebted to Dr. G. Stanley Hall for a suggestion that the study of psychology might be pursued in part by the original observation of children. From his idea as a starting point, a scheme for this purpose has been worked out and adopted as a permanent part of the school curriculum.

The principal requests the students to observe the conduct of children in all circumstances, — at home, at school, in the street, at work, at play, in conversation with one another and with adults, — and record what they see and hear as soon as circumstances will permit. When the nature of the work is explained to the school, great emphasis is placed upon the necessity of having the records genuine beyond all possibility of question; of having them consist of a simple, concise statement of what the child does or says, without comment by the writer; of making both the observation and the record without the knowledge of the child; and of noting the usual, rather than the unusual, conduct of the individuals observed.

For convenience in classification, blanks of six colors are provided for the records. White paper is used for such observations as students make themselves; red, for well-attested ones reported by others; yellow, for reminiscences of their own childhood; green, for mention of whatever they read on the subject; blue, for exceptional or defective children; and chocolate, for observations that extend continuously over a period of time. Each blank has the following heading: —

[STATE NORMAL SCHOOL AT WORCESTER.]

#### STUDY OF CHILDREN.

"I worked on true Baconian principles, and without any theory collected facts on a whole-sale scale . . . ." — *Darwin, Autobiography.*

1. Date, .....
2. Observer's name, ..... age,  
P. O. address, .....
3. Name (or initials) of person (child) observed, .....  
sex, .....; nationality, .....; age (yrs. and mos.), .....
4. Length of time between making the observation and recording it

RECORD.

If the record is from hearsay, the names of both recorder and observer must be given.

Pupils write the records at their convenience (immediately after making the observation is the best time) and put the papers in a designated place. A teacher reads them from time to time and classifies them under the heads knowledge, reflection, imagination, conscience, feeling, play, etc.

Both teachers and pupils feel that no other part of the pedagogical training has so direct an influence in developing the qualities most sought in a teacher. It is clearly manifest that it awakens curiosity concerning the phenomena of child-nature, excites intelligent sympathy with children, and contributes to skill in discipline and instruction. Graduates and apprentices give abundant testimony on all these points.

The work of making observations is not compulsory, but nearly all members of the school engage in it from genuine interest. A few selected papers are placed from time to time where they may be read by all who care for them. How far these serve as stimulus and example is not known; but every day, not excepting the first day of a term, brings its supply of records, even though the subject may not have been explicitly mentioned for months. It is indeed the most nearly self-sustaining exercise in the school.

Many valuable records are reports of what is seen in the street on the way to or from school, but perhaps the highest value attaches to the reminiscences of the observer's own childhood. To recall one's own feelings, motives and conduct, in circumstances that are repeated in the life of every child, proves, as might be expected, in a high degree salutary, and affects sensibly the manner of judging others. The frankness and humor with which this kind of report is made are often very interesting.

Systematic instruction in psychology is aided both in the way of preparation and supplement by this additional study. Pupils are thus furnished at the outset with facts of their own observation, which serve as elementary materials for scientific classification and study; they have a habit of observing a certain class of phenomena, and have received suggestions and cautions that are of service to them in other departments; they are able to pass more easily to mental science, because they have learned that that, as well as natural science, can be pursued by an objective method; they have an already awakened and active interest in the subject that gives them

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pleasure in learning general principles, sometimes in part known by their own observations ; and, moreover, they attach a different value to a text-book which they see is a natural outgrowth of an experience like their own.

As all students make observations, some records have no value apart from the wholesome endeavor that made them ; but a progress in the significance of the things noticed and in the manner of recording them is apparent. During the latter part of a term the proportion of significant and valuable papers is greater than during the first part. All papers are carefully preserved (about two thousand have been collected each year), and it is hoped that they may be of value to students of child-nature ; but the primary object of collecting them is the training of prospective teachers, and so highly does the work commend itself as a means to this end, that, if nothing ulterior to this is gained, complete satisfaction and no disappointment will be experienced.

Those who may desire a fuller exposition of the method and its results are referred to "The Pedagogical Seminary" (Clark University), Vol. I., No. 2, and Vol. II., No. 3 ; "The Educational Review" for December, 1893 ; also, the volume recently published under the auspices of our Graduates' Association, entitled "Child Observations. First series: Imitation and Allied Activities." Boston: D. C. Heath & Co.

#### PLANT STUDY.

Considerable emphasis is laid on the study of plants in this school, as being perhaps the branch of natural science best adapted to our public schools. This has come to mean with us a great deal more than mere technical botany, of which, indeed, we have comparatively little.

Effort is made by means of the collection and study of plants to awaken our pupils to a consciousness of all out-door things, to extend and refine their observation and develop an interest in nature that shall be genuine and lasting. The regular class instruction is made to extend throughout a year, in order to give opportunity for the study of all stages of plant life. All students collect specimens, thus gaining acquaintance with the natural conditions of their growth, and, according to the season, buds, leaves, flowers and fruits are studied and classified. For practical work in germination each pupil is furnished with a flower-pot, and encouraged to make experiments

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with a variety of seeds and to exhibit results. Many kinds of winter buds are opened in the house, and the characteristic vernalization of shrubs and trees noted. Forms of leaves are preserved by means of impressions made in printers' ink; flowers are pressed and mounted for the school herbarium; other parts of plants are fixed on cardboard and temporarily preserved, such as seed vessels, twigs, buds, bark, etc. Several more extensive collections have also been made; one of seeds, one of leaves of trees growing in Worcester County, one of flowers growing naturally on the school grounds, one (small as yet) of our native woods. Considerable study is made of our common indigenous trees, particularly their characteristic appearance in the different seasons. Directories have been made of the localities of trees and flowering plants in the vicinity, and records of their times of blossoming from year to year. Special blanks, similar to those used in our study of children, are furnished for recording particular observations. A daily exhibit is made by the pupils in turn, extending throughout the year, of some single plant in bud, leaf, flower or fruit, with its common and scientific names. Topics of wide general interest are assigned from time to time for students to read and report upon, such as connection of forests with water supply, plants named in the Bible, geographical distribution of plants, etc. Much is made of the autumn color display, leaves being brought in every day and exhibited on screens, as well as placed in glass frames and hung in windows to be seen by transmitted light. In object drawing great use is made of plant forms. Our library is particularly rich in the literature of out-door nature, and much of the reading of our students is in this direction. Twice a year an Arbor Day is set apart for a practical application of what has been learned as to soils, planting, transplanting, pruning, etc., and not only on those days but all through the growing season the pupils of the school, divided into six groups and under leaders of their own choosing, take the whole charge of that number of beds or "pockets" and finally put them in order for the winter.

#### DRAWING.

The class work includes the following topics: —

1. Blackboard drawing (illustrative, and extending throughout the course).
  2. Color. Scales of color (standards); harmonies of color; elementary design.
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MISS MURPHY AND HER FRIENDS



3. Clay modelling.
4. Paper cutting ; splint laying.
5. Mechanical drawing. Geometric problems ; working drawings ; development of surfaces.
6. Plant forms. Budding twigs ; leaves ; flowers ; seed vessels.
7. Applications of color. Hues and "broken" colors ; arrangements in design ; historic ornament.
8. Model and object drawing

The method is based on the idea that drawing is a language, and from the first the student is encouraged to use this language daily, especially at the blackboard. In every class and every subject where language is used, a premium is put on any drawing, however rude, that can serve as an added means of expression. Stress is therefore laid upon courage and intelligence in every effort, rather than the mere manual dexterity that may be a natural gift or may come by practice.

This, however, is not the only aim. Drawing is more than a vehicle of expression. As a language it is a medium of acquisition as well as of communication. It is a means of gaining better perception and enjoyment of beauty as revealed in form and color, and is thus a source of fuller and richer impressions from the world of nature and art.

### CHILDREN'S CLASSES.

#### KINDERGARTEN.

The kindergarten has numbered thirty children between three and five years old, including both sexes in equal numbers, and has continued in charge of Miss E. Louise Richards, an accomplished and experienced kindergartner, assisted by Miss Olive Russell, a graduate (1889) of the normal school.

The class occupies a beautiful and sunny suite of rooms in the south-west corner of the ground floor, and is the object of great attraction and interest on the part of students and teachers. It is made serviceable to our pupils for purposes of daily observation and study, but not for practice. The class affords excellent opportunities for certain lines of child study and for experimentation in elementary teaching and the care and management of young children ; and it exhibits to our students the earliest forms and phases of the work which they are to undertake in its next stage.

The sessions are held from 9 till 12 every week-day except Monday, with holidays and vacations coinciding with those of the normal school.

Only children who are in good health and who have been vaccinated are received.

No charge is made for tuition, and no obligation to follow any regular course of instruction or training is assumed.

The presence of visitors (except the parents of the children) was found to interfere seriously with the work of the class, and we were therefore reluctantly compelled to except this class from general visitation.

#### PRIMARY CLASS.

As following the kindergarten, there has been established during the present year a year's instruction for older children.

The conditions of admission to this class are substantially the same as those enumerated above for the kindergarten, except that children *must in all cases be past their fifth and not past their seventh birthday when admitted.*

The class is in charge of Miss Amy L. Boyden, a thoroughly competent and experienced teacher; and, like the kindergarten, is used for observation and experiment, but not for practice-teaching.

Children may be promoted to this class from the kindergarten, or they may enter without any previous schooling whatever.

The sessions are the same as those of the kindergarten.

Application for admission must be made beforehand and the child personally brought to the principal for registration.

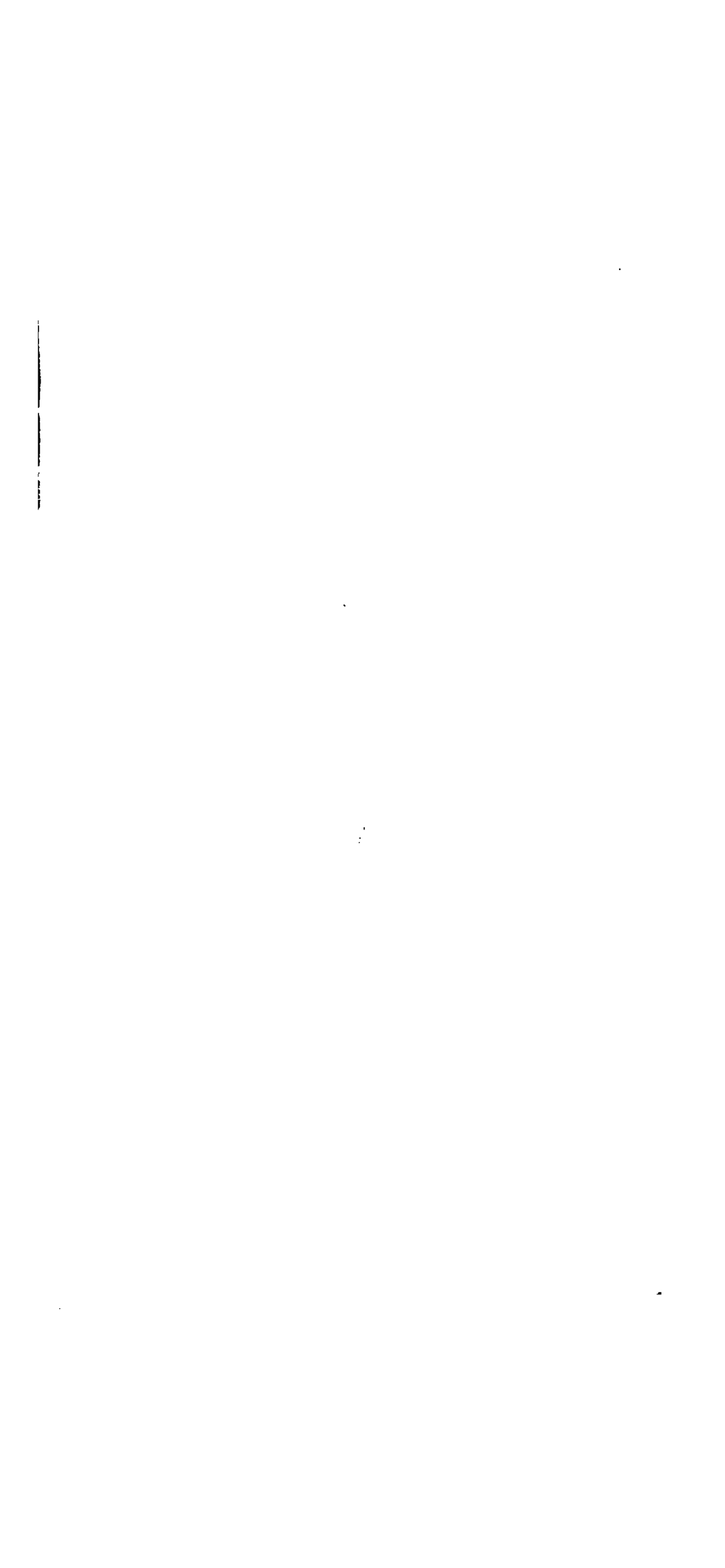
#### GENERAL FACILITIES.

INCIDENTAL ADVANTAGES. — Important facilities for general improvement are offered to pupils in the libraries, institutions and other means of culture in which Worcester is rich.

The extensive and well-arranged museum of the Worcester Natural History Society is open for inspection, and specimens in all departments can be borrowed by teachers and students, and taken to the school for purposes of study and illustration.

The hall of the American Antiquarian Society contains a notably rich store of interesting exhibits, and the library includes a rare treasury of books pertaining to American history.

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CORNER OF STUDENT'S ROOM (Stoddard Terrace).

The free public library stands almost unique among the institutions of the kind in this country for the effective relationship existing between it and the schools. Its large and well-endowed reference library, its well-filled circulating department, its reading-rooms, supplied with the leading domestic and foreign papers and periodicals, afford exceptional opportunities to the schools. Special facilities are offered to teachers and pupils, and the librarian is unsparing in his efforts to render every aid in the choice and use of books, or in any way in which he can assist the reader.

**RAILROAD FARES.** — The six lines of railroad centring in Worcester afford easy communication with the neighboring towns and villages. Season tickets or mileage tickets are issued to pupils of the normal school at greatly reduced rates, and the daily sessions of the school are so arranged as to accommodate those who wish to come and go by the cars.

#### GENERAL INFORMATION.

**BOARD AND ROOMS.** — Students are advised to board in the city if possible. Not much is saved pecuniarily by those who go in and out every day by rail, and the loss of time and the incidental exposure put them at a serious disadvantage.

#### STODDARD TERRACE,

previously described, affords very superior furnished rooms — *it is not a boarding-house, but a dormitory* — for about twenty students and teachers. Those who lodge here find table board in families near at hand. The terms are \$38 for the school year, and no deduction is made for temporary absence. No student is received for less than a half term. Further particulars may be obtained from the principal, to whom early application for rooms should be made.

Other boarding places in respectable private families in the neighborhood, approved by the authorities of the institution, are easily obtained. To such as seek information or advice in this direction the principal is ready to give every assistance in his power.

The average cost of board in families (generally including fuel, light and washing) has been ascertained to be \$4 to \$4.50 per week.

**INCIDENTAL EXPENSES.** — The necessary incidental or miscellaneous expenses have averaged about five dollars for each pupil for the term, or ten dollars a year.

These averages imply strict economy on the part of pupils, and in making an estimate of expenses it would probably be unsafe to go below the above figures.

#### STATE AID.

The Commonwealth has regularly appropriated several hundred dollars a year to each of its normal schools, to be divided among such pupils as are most needy and deserving. This school of course receives its proper share of such funds, and is able to render assistance to a number of students each year.

The State also gives the use of all the text-books required in the course, as well as free access to an ample and well-selected library of reference and general literature.

#### NORMAL SCHOOL SCHOLARSHIPS AT HARVARD.

There are eight scholarships in the scientific school of Harvard University for the benefit of graduates of the State normal schools. The annual value of each of these scholarships is one hundred and fifty dollars, which is the price of tuition, so that the holder of the scholarship gets his tuition free.

The incumbents are originally appointed for one year, on the recommendation of the principals of the schools from which they have been severally graduated. These appointments may be annually renewed, on the recommendation of the faculty of the scientific school.

#### TO VISITORS.

A hearty invitation is extended to the parents and friends of pupils — to all, in fact, who may feel inclined — to visit the school, and see the current and method of its daily working. *The first two and last two weeks of a term are, obviously, the least favorable times for a visit.*

The school committees and superintendents of the neighboring towns are particularly and earnestly urged to make themselves acquainted with this school, — especially designed, as it is, to aid them in their work of improving our public instruction, — and to introduce to its advantages such young teachers of promise as aspire to more thorough preparation for their calling.

The school is not in session on Mondays. On other days the hours (leaving out the noon recess) are from nine o'clock to four, an arrangement that has been found the most convenient for ninety-six per cent. of the pupils.

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## APPENDIX.

## GRADUATES.

When any change of name or residence has been reported it is indicated immediately under the name and residence at the time of graduation. Graduates will see that it is very desirable to have notice of such changes promptly sent to the principal.

FIRST CLASS, JULY, 1876.	
NAMES.	RESIDENCES.
Lydia Walker Ball, . . . . .	Upton.
Harriet Crook, . . . . .	Valley Falls.
Mrs. Fred. Snider, Northampton.	
Ella Eudora Goddard, . . . . .	Worcester.
Ella Jane Lyford, . . . . .	Spencer.
Died in Worcester, Jan. 30, 1891.	
Joseph Chauncey Lyford (Secretary), . . . . .	Spencer.
Worcester.	
Marianna Newton, . . . . .	Worcester.
Mrs. Henry E. Chace, Fall River.	
Alice Vara Proctor, . . . . .	Spencer.
Mrs. Nathan A. Cobb, Sydney, Australia.	
Hannah Arabella Tucker, . . . . .	North Brookfield.
Celia Eliza Whiteman, . . . . .	Le Roy, N. Y.
Mrs. George H. Marsh, Kenmore, N. Y.	
Fanny Alberta Williams, . . . . .	Worcester.

## SECOND CLASS, JANUARY, 1877.

Frances Maria Athy, . . . . .	Worcester.
Effie Lillian Bennett (Secretary), . . . . .	Worcester.
Mrs. J. J. Miller, Waltham.	
Sarah Ann Boyd, . . . . .	Leicester.
Florence Emily Brown, . . . . .	East Douglas.
Mrs. Horace B. Martin, East Douglas.	
Harriet Abigail Brown, . . . . .	East Douglas.

NAMES.	RESIDENCES.
Mary Ellen Cecelia Carroll, . . . . .	Worcester.
Jennie Lullona Dearborn, . . . . .	Worcester.
Clara Amelia Grout, . . . . .	Worcester.
Mrs. John W. Nichols, Barre, Vt.	
Milly Jane Hall, . . . . .	Upton.
Mrs. Henry L. Patrick, Hopedale.	
Gertrude Hawkins, . . . . .	Fitchburg.
Mrs. Charles F. Wilson, Conneautville, Pa.	
Augusta Seaver Houghton, . . . . .	Wilkinsonville.
Mrs. Louis E. Chase, Wilkinsonville.	
Annie Devereaux Johnson, . . . . .	Worcester.
Mrs. James Logan, Worcester.	
Helena Adelaide Marie Kalaher, . . . . .	Worcester.
Gertrude Mitchell King, . . . . .	Nantucket.
Margaret Jane McCann, . . . . .	Worcester.
Mary Elizabeth Murphy, . . . . .	Worcester.
Philadelphia, Pa.	
Jeannette Maria Putnam, . . . . .	Northbridge.
Mrs. Edward E. Clark, Auburndale.	

## THIRD CLASS, JULY, 1877.

Carrie Maria Adams, . . . . .	Worcester.
Emma Abbie Bigelow, . . . . .	Holden.
Mrs. Eugene C. Houghton, Newtonville.	
Ida Frances Boyden, . . . . .	Oakham.
Mrs. Alvin H. Brown, East Douglas.	
Jenny Ellis Chandler, . . . . .	Duxbury.
Bessie Alice Chase, . . . . .	Worcester.
Mrs. Edmund P. Capron, Springfield.	
Josephine Percy Chase, . . . . .	Worcester.
Mrs. George B. Cowell, East Norwalk, Conn.	
Katie Agnes Coughlin, . . . . .	Worcester.
Mrs. David L. Bradt, Worcester.	
Mabel Crane, . . . . .	Blackstone.
Mrs. W. Henry DeLong, Worcester.	
Mary Rebecca Doherty, . . . . .	Worcester.
Mrs. Thomas D. Connolly, Beverly Farms.	
Eliza Ann Fairbanks, . . . . .	Westborough.
Mrs. Charles H. Hersem, Westborough.	
Ellen Montgomery Fitts, . . . . .	Worcester.
Mrs. Robert M. Higgins, Grand Rapids, Mich.	
Mary Elizabeth Fitzgerald, . . . . .	Worcester.
Ida Louise Gaskill, . . . . .	Blackstone.
Mrs. William O. Bement, Worcester.	
Ella Eudora Hall, . . . . .	Worcester.
Mrs. Alfred C. Bradish, Worcester.	



NAMES.	RESIDENCES.
Mary Field Harrington, . . . . .	Worcester.
Anna Beatrice Hopkins, . . . . .	Worcester.
Mrs. Anna H. Leland, Worcester.	
Olive Rice Jenks, . . . . .	Spencer.
Mrs. Benjamin S. Crocker, Chicago, Ill.	
Lucia Naomi Jennison, . . . . .	East Templeton.
Cambridgeport.	
Mary Ann Kean, . . . . .	Worcester.
Mrs. James Early, Worcester. Died in Worcester Oct. 9, 1891.	
Katie Ann McCarthy, . . . . .	Worcester.
Mrs. Thomas F. Boyle, Worcester.	
Anna Maria Murray, . . . . .	Worcester.
Minnie Willietta Sherman, . . . . .	Worcester.
Anna Maud Smith, . . . . .	Worcester.
Mrs. Otis A. Merrill, Lowell. Died in Lowell, April 30, 1886.	
Hattie Urania Thwing, . . . . .	Worcester.
Mrs. Charles F. Smith, Worcester.	
Annie Teresa Timon, . . . . .	Worcester.
Isabella Livingston Tullis, . . . . .	Worcester.
Mrs. Belle T. Harding, Brooklyn, N. Y.	
Jenny Abbie Whitney (Secretary), . . . . .	Worcester.
Mrs. Henry H. Browning, Hubbardston.	

## FOURTH CLASS, JANUARY, 1878.

Lizzie Joanna Andrews, . . . . .	Worcester.
East Milton.	
Addie Jane Booth (Secretary), . . . . .	Worcester.
Mrs. Alvarado A. Coburn, Worcester.	
Ella Agnes Casey, . . . . .	Worcester.
Elizabeth Edwina Chapin, . . . . .	Worcester.
Jennie Cora Clough, . . . . .	Worcester.
Mrs. George A. Busby, Worcester.	
Edna Currier, . . . . .	Worcester.
Mrs. Amory C. Holden, Worcester.	
Anna Crosby Cutting, . . . . .	Templeton.
St. Paul, Minn.	
Katie Anna Fallon, . . . . .	Worcester.
Mrs. Thomas W. Butler, Worcester.	
Addie Eliza Kendall, . . . . .	Worcester.
Mrs. William E. Waitt, Worcester.	
Armina Lillian Paul, . . . . .	Worcester.
Mrs. James C. Stewart, Worcester. Died in Worcester, Sept. 13, 1883.	
Lilla Maria Rice, . . . . .	Grafton.
Mrs. Charles L. Ware, Grafton.	
Fanny Louise Smythe, . . . . .	Worcester.
Mrs. John F. Keyes, Worcester. Died in Worcester, April 19, 1882.	

NAMES.	RESIDENCES.
Marietta Sykes, . . . . .	Blackstone.
Mrs. Edward D. Brown, Minneapolis, Minn.	
Mary Alice Winter, . . . . .	Northbridge.
Mrs. Harold Foss, Northbridge.	

## FIFTH CLASS, JULY, 1878.

Nettie Eliza Adams, . . . . .	Fitchburg.
Mrs. J. Chauncey Lyford, Worcester.	
Elizabeth Estelle Bent, . . . . .	South Gardner.
Mrs. Elizabeth B. Eaton, South Gardner.	
Emma Frances Brown, . . . . .	Worcester.
Isabella Newton Eddy, . . . . .	Leicester.
Mrs. Charles T. Newton, Millbury.	
Mary Abby Hayward, . . . . .	Ashby.
Mrs. Thomas A. Callahan, Worcester.	
Mary Elizabeth Houghton (Secretary), . . . . .	Worcester.
Mrs. C. David White, Washington, D. C.	
Isabel Pemberton Morey, . . . . .	West Brookfield.
Harriet Betsey Sargent, . . . . .	South Gardner.
Philadelphia, Pa.	
Carrie Angelicia Smith, . . . . .	Worcester.
Mrs. Herbert W. Chamberlain, Worcester.	
Nellie Blake Webber, . . . . .	Worcester.
Mrs. Winslow S. Lincoln, Worcester.	

## SIXTH CLASS, JANUARY, 1879.

Jennie Irene Adams, . . . . .	Fitchburg.
Mrs. Carl F. Martensen, Springfield.	
Hattie Woodward Arnold, . . . . .	Westborough.
Mrs. D. O. Clark, Worcester.	
Emma Buckley, . . . . .	Worcester.
Mary Rosalie Goddard (Secretary), . . . . .	Worcester.
Mary Emma Hastings, . . . . .	Westborough.
Waltham.	
Jennie Leonora Higgins, . . . . .	Worcester.
Mrs. J. Edward Smith, Worcester.	
Effie Francis Kinne, . . . . .	Plainfield, Conn.
Mrs. Edwin D. Goodell, Brookfield.	
Katie Agatha McLoughlin, . . . . .	Worcester.
Hattie Stearns Putnam, . . . . .	Worcester.
Sarah Elizabeth Rogers, . . . . .	Worcester.
Mrs. Edwin N. Sanderson, Newton Centre.	
Adeline Estelle Sprague, . . . . .	Worcester.
Mrs. Fred. F. Sprague, Worcester.	
Marion Capitola Tucker, . . . . .	North Brookfield.
Mrs. Frederick N. Hunter, Spencer.	

## SEVENTH CLASS, JULY, 1879.

NAMES.	RESIDENCES.
Eugene Bacon, . . . . . Nobscot.	Framlingham.
Mary Ella Clark, . . . . .	Paxton.
Susan Drake, . . . . . Died in Spencer, June 16, 1888.	Spencer.
Maggie Agnes Flaherty, . . . . .	Worcester.
Emma Lorette Giffin, . . . . . Mrs. Charles H. Wright, Wilmington, Del.	Templeton.
Katie Elizabeth Kenney, . . . . . Waltham.	Worcester.
Ellen French Lindsay, . . . . . Worcester.	Grafton.
Henrietta Agnes Murray (Secretary), . . . . .	Worcester.
Anna Harriet Newton, . . . . . Mrs. Fred W. Barnes, Worcester.	Paxton.
Edwin Thomas Painter, B.S., . . . . . Edwin Thomas Painter, M.D., Redlands, Cal.	Worcester.
Emma Miller Plimpton, . . . . . Worcester.	Northbridge.
Mary Agnes Rourke, . . . . .	Worcester.
Mary Abbie Sanborn, . . . . . Mrs. George B. Paddock, Worthington, Minn.	West Baldwin, Me.
Abby Brewer Shute, . . . . .	Auburn.

## EIGHTH CLASS, JULY, 1880.

Sarah Maria Averill, . . . . . Worcester.	Plainfield, Conn.
Cora Anna Baldwin, . . . . .	Worcester.
Mary Elizabeth Barnard, . . . . . Mrs. William J. D'Ewart, Brooks Station.	Harvard.
Mary Mead Bowen, . . . . . Worcester.	Mianus, Conn.
Mary Etta Buxton, . . . . . Mrs. Robert W. Robinson, Worcester.	Worcester.
Sarah Maria Davis, . . . . .	Webster.
Daisy Alice Miranda Fairchild, . . . . . Mrs. Sidney A. Sherman, Providence, R. I.	Worcester.
Hattie Grant Gates (Secretary), . . . . .	Worcester.
Mary Gertrude Griggs, . . . . .	Worcester.
Etta Lorenda Hill, . . . . . Mrs. Edward H. Forbush, Medford.	West Upton.
Caroline Elizabeth Howe, . . . . .	Paxton.
Mary Anne Kane, . . . . . Mrs. John A. Howard, Springfield.	North Brookfield.

NAMES.	RESIDENCES.
Harriet Lightbourn, . . . . .	Worcester.
Mrs. Harry W. Cobb, Worcester.	
Alice Eliza Meriam, . . . . .	Worcester.
Emma Sophronia Peirce, . . . . .	Leicester.
Died in Worcester, March 26, 1884.	
Nellie Louisa Pierce, . . . . .	Chesterfield, N. H.
Mrs. Frederic W. Fogg, East Providence, R. I.	
Rosa Isabelle Seavey, . . . . .	Worcester.
Mrs. William C. Howe, Dorchester.	
Anna Philena Smith, . . . . .	Central Village, Conn.
Maude Mary Smith, . . . . .	Grafton.
Mrs. Samuel G. Lynn, Saundersville.	
Marina Harwood Tucker, . . . . .	North Brookfield.
Mrs. Wilber W. Hobbs, Worcester.	

## NINTH CLASS, JULY, 1881.

N. B. — Graduates whose names are marked with (A) have, besides passing through the regular course of study, served for a half year as apprentices (see page 26) in the public schools of the city of Worcester.

Selma Petronella Ahlstrom (A), . . . . .	Worcester.
Mrs. J. O. Emanuel Trotz, Worcester.	
Hattie Bond Andrews (A), . . . . .	Worcester.
Olive Maria Butler, . . . . .	Worcester.
Mrs. Charles F. Howard, Orange. Died in Meriden, Conn., Dec. 22, 1889.	
Elida Maria Capen (A), . . . . .	Charlton.
Rebecca Harlow Davle, . . . . .	Worcester.
Wilton Herbert Desper, B.S., . . . . .	Worcester.
Edward Doolittle Fitch, . . . . .	Worcester.
Edward Doolittle Fitch, M.D., Worcester.	
Anna Trask Kelley (A), . . . . .	Worcester.
Alice Caroline Mason (A) (Secretary), . . . . .	Worcester.
Mrs. George F. Barnard, Worcester.	
Mary Emily McCormick (A), . . . . .	Worcester.
Mrs. Edward W. Erwin, Worcester.	
Catherine Theresa Nevins (A), . . . . .	Nantucket.
Georgianna Maria Newton (A), . . . . .	Worcester.
Bertha May Peckham (A), . . . . .	Southborough.
Mrs. Elmer I. Balcom, Whitinsville.	
Elizabeth Nettle Robinson, . . . . .	Templeton.
Mrs. William S. Hincks, Worcester.	
Angenette Ethelinda Stone (A), . . . . .	Northbridge.
Minneapolis, Minn.	
Jennie Matilda Tahnter (A), . . . . .	Worcester.
Mrs. James H. Sutton, Worcester.	

## TENTH CLASS, JANUARY, 1882.

NAMES.	RESIDENCES.
Florence Bicknell (A), . . . . . Died in Boston, May 28, 1885.	Rowe.
Alice Chapin (A), . . . . .	Auburn.
Abbie Mitchell Dorr, . . . . .	Southborough.
Mary Blake Dudley (A), . . . . . Mrs. William B. Beach, Jr., New York City.	Worcester.
Emma Gertrude Goodwin (A), . . . . .	Worcester.
Abbie Callista Hale, . . . . . Provo City, Utah.	Hubbardston.
Lizzie Frances Jones (A), . . . . .	Lunenburg.
Fransess Dolbell Martin, . . . . . Mrs. Adam Creelman, Brooklyn, N. Y.	Worcester.
Ida Marion McCambridge (A) (Secretary), . . . . .	Worcester.
Elizabeth Adelaide Potter, . . . . .	Worcester.
Mary Ella Proctor (A), . . . . . Mrs. Henry B. Quimby, Worcester.	Worcester.
Anna Bush Ranger (A), . . . . . Mrs. Elmore F. Johnson, Worcester.	Worcester.
Sarah Lydia Sawyer, . . . . . Mrs. John W. Jigger, Hyde Park.	Fitchburg.
Caroline Isabel Stone (A), . . . . . Mrs. William Woodward, Worcester.	Auburn.
Mabel Burnside Tew (A), . . . . . Mrs. Hiram E. Barnard, Worcester.	Worcester.
Anna Laura Wells (A), . . . . . Mrs. Benjamin T. Henry, Rowe.	Rowe.
Mary Blanche Wheatley (A), . . . . . Died in Worcester, Feb. 7, 1886.	Worcester.

## ELEVENTH CLASS, JUNE, 1882.

Harriet Almira Baker, . . . . .	Phillipston.
Addie Maria Blenus, . . . . . Mrs. J. William Patston, Framingham.	Worcester.
Anna Theresa Cavanaugh (A), . . . . .	Worcester.
Louis Richards Condry, . . . . . Died in Groton, June 24, 1892.	Groton.
Ann Foskett (A), . . . . . Worcester.	Webster.
Mary Elizabeth Horgan (A), . . . . . Mrs. John J. Brennan, Worcester.	Worcester.
Mary Eliza Jenks (A), . . . . . Mrs. George S. Boutelle, Worcester.	Spencer.
Julia Ardelle Mann (A), . . . . . Millville.	Blackstone.

NAMES.	RESIDENCES.
Edwin Scott Matthews, B.S., . . . . . Boston.	Worcester.
Grace Emily Pearl (A), . . . . . Mrs. Albert C. Brown, Fitchburg. Died in Fitchburg, Feb. 20, 1891.	Southborough.
Ada Dora Saunders (A), . . . . . Mrs. John W. Dodd, Worcester.	Worcester.
Jennie Melenda Sprout, . . . . . Died in Worcester, Feb. 24, 1886.	Worcester.
Anna Daniels Stowell (A) (Secretary), . . . . . Mrs. George H. Johnson, Worcester.	Worcester.
Mary Florence Stratton (A), . . . . . Mrs. Walter N. Walling, Auburndale.	Millbury.

## TWELFTH CLASS, JANUARY, 1883.

Martha Dowse Adams (A), . . . . . Boston.	Worcester.
Harriet Annie Colton, . . . . . Mrs. Frederick A. Wellington, Webster.	Oxford.
Mary Ellen Convery (A), . . . . . Mrs. William H. O'Hara, Boston.	Worcester.
Hannah Mary Kickham (A), . . . . .	Worcester.
Mary Catherina Morrissey (A), . . . . . Mrs. John F. Hollan, Worcester.	Worcester.
Mabel Piper (A), . . . . . Mrs. Orestes T. Doe, Franklin.	Worcester.
Anna Theresa Smith (A), . . . . .	Worcester.
Mary Celia Smith (A) (Secretary), . . . . .	Worcester.
Etta Melissa Thayer (A), . . . . . Died in Worcester, Jan. 14, 1894.	Worcester.
Etta Theresa Whalen (A), . . . . .	Worcester.

## THIRTEENTH CLASS, JUNE, 1883.

Ada Bartlett Braman, . . . . . Mrs. Charles L. Tower, Everett.	Worcester.
Minnie Anna Burgess Chase, . . . . . Mrs. Frank E. Whitehouse, Cleveland, Ohio.	Worcester.
Louise Frances Clark (A), . . . . . Mrs. William F. Brown, Roxbury.	Paxton.
Mary Louise Gafney (A), . . . . .	Worcester.
Alphonsine Talon L'Esperance (A), . . . . . Died in St. Hyacinthe, Que., Jan. 1, 1887.	Worcester.
Mary Frye Lewis, . . . . . Mrs. Edward E. Johnson, Chicago, Ill.	Willimantic, Conn.
Mary Alice Marshall, . . . . . Manchester, N. H.	Still River.

NAMES.	RESIDENCES.
Mary Agnes McGillicuddy, . . . . .	Worcester.
Jessie Moore Nichols, . . . . .	Auburn.
Worcester.	
Jennie Mitchell Perrin, . . . . .	Westborough.
Mrs. Frederick A. Richardson, Worcester.	
Alice Valentine Phelps, . . . . .	Worcester.
Milton.	
Estella Virginia Rolston (A) (Secretary), . . . . .	Worcester.
Mrs. Louis L. Balch, Paterson, N. J.	
Jeannie Elizabeth Sanderson (A), . . . . .	Worcester.
Mrs. Sydney H. Elliot, Worcester.	
Mary Gertrude Smith (A), . . . . .	Worcester.
Mrs. James M. Crouin, Millbury.	
Agnes Rose Stewart (A), . . . . .	Worcester.
Abbie Josephine Taft (A), . . . . .	Worcester.
New York.	
Lizzie Minnie Urban, . . . . .	South Westminster.
Mrs. Charles N. Chapin, Worcester.	
Octavia Howard Vaughan (A), . . . . .	Worcester.
Hattie Louisa White, . . . . .	Boylston Centre.
Mrs. Daniel Lynch, Boylston Centre.	
Margaret Osgood Whitney, . . . . .	Worcester.
Mrs. Frederick W. Blackmer, Worcester.	
Grace Carpenter Williams (A), . . . . .	Gardiner, Me.
Mrs. Charles S. J. Ruggles, Gardner.	

## FOURTEENTH CLASS, JANUARY, 1884.

Mary Louise Blenus (A), . . . . .	Worcester.
Died in Millbury, Feb. 6, 1887.	
Daniel Henry Casey, . . . . .	Worcester.
Ellen Gertrude Daley (A), . . . . .	Worcester.
Adella Teresa Gauren (A), . . . . .	Worcester.
Eliza Tainter Gilbert, . . . . .	Worcester.
Mrs. George Day, Providence, R. I.	
Eudora Estella Hay (Secretary), . . . . .	Worcester.
John Edward Lynch, . . . . .	Worcester.
Nellie Abbie Robbins (A), . . . . .	Rochester, N. Y.
Mrs. Henry W. Sykes, Pittsfield.	

## FIFTEENTH CLASS, JUNE, 1884.

Maria Fernald Bosworth (A) (Secretary), . . . . .	Worcester.
Maud Loetta Davis (A), . . . . .	Worcester.
Ellen Francis Fallon, . . . . .	Worcester.
Mrs. James F. Guerlin, Worcester.	
Margaret Francis Hagan, . . . . .	Worcester.
Lilla Ingalls, . . . . .	East Templeton.
Mrs. Albert D. Felch, Sunapee, N. H.	

NAMES.	RESIDENCES.
Mary Jessie King, . . . . . Mrs. Frank H. Buxton, Leicester.	Middleville, N. Y.
Etta Rosella Leonard (A), . . . . . Mrs. Irving E. Comins, Worcester.	Worcester.
Mary McCann (A), . . . . . Mrs. John A. Johnson, Chicago, Ill.	Leominster.
Anna Gertrude Melanefy (A), . . . . . Died in Worcester, Nov. 30, 1885.	Worcester.
Annie Ward Newell (A), . . . . .	Millbury.
Helena Bridget O'Keefe, . . . . . Providence, R. I.	Worcester.
Edith Marietta Rolston (A), . . . . .	Worcester.
Mary Lucy Seavey (A), . . . . .	Worcester.
Alice Alberta Tatman (A), . . . . . Mrs. Arthur E. Hayer, Worcester.	Worcester.
Elizabeth Pickering Thompson, . . . . . Mrs. Albert DeMeritt, Durham, N. H.	Durham, N. H.
Katy Adaline Wilder, . . . . . Mrs. R. Lincoln Chandler, Leominster.	Sterling.

## SIXTEENTH CLASS, JANUARY, 1885.

Katharine Blanche Adams, . . . . . Mrs. Katharine A. Crook, Worcester.	Worcester.
Mary Louise Burroughs, . . . . . Mrs. William A. Perkins, Lynn.	Boxborough.
Minnie Jennie Condy (A), . . . . . Mrs. Charles F. Pharaoh, Grafton Centre.	Worcester.
Emma Florence Davis, . . . . . Mrs. George E. Stone, Shrewsbury.	Shrewsbury.
Cora Belle Drew, . . . . .	Burlington, Vt.
Anna Gertrude Foley (A), . . . . .	Worcester.
Julia Elizabeth Green (A), . . . . .	Worcester.
Lucy Maria Green (A) (Secretary), . . . . . New York.	Worcester.
Catharine Aloysia Hackett (A), . . . . . Cambridgeport.	Worcester.
Annie Maria Ham (A), . . . . .	Worcester.
Carrie Adaline Hildreth (A), . . . . .	Worcester.
Mary Anne McBride (A), . . . . .	Worcester.
Ellen Gertrude McGillicuddy (A), . . . . . Mrs. Michael J. Halloran, Worcester. Died in Worcester, June 3, 1892.	Worcester.
Mary Agnes Morrissey (A), . . . . .	Worcester.
Della Isabel Newbury (A), . . . . . Mrs. Willis E. Knowlton, Shrewsbury.	Worcester.
Carrie Louise Paige (A), . . . . . Mrs. Edward S. Frary, Charlemont.	Hardwick.



NAMES.	RESIDENCES.
Ida May Parsons (A), . . . . .	Holden.
Frances May Prentice (A), . . . . .	Westborough.
Mrs. Fred. S. Dearborn, Worcester.	
Hannah Sheehan (A), . . . . .	Whitinsville.
Mary Elizabeth Talbot Tandy, . . . . .	Athol.
Mrs. William T. Parsons, Holden.	
Ella Maria Wells (A), . . . . .	Deerfield.
Mrs. H. Clifford Hawks, Auburndale. Died in Auburndale, April 17, 1894.	
Alvena Betsy Williams (A), . . . . .	Paxton.
Mrs. George E. Stimson, Rochdale.	

## SEVENTEENTH CLASS, JUNE, 1886.

Ida Florence Buxton, . . . . .	Worcester.
Mrs. Adam J. Elmermann, Milwaukee, Wis.	
Cora Augusta Cooley (A), . . . . .	Worcester.
Mrs. Edward Lawton, Ayer.	
Amy Holbrook Dana (A), . . . . .	West Boylston.
Mrs. William F. Masters, Hebbardsville, Ohio.	
Minnie Alberta Davis, . . . . .	Worcester.
Carrie Elizabeth Dodd (A), . . . . .	Paxton.
Noank, Conn.	
Emily Sophia Gaskill (A), . . . . .	Mendon.
Mrs. Rollin J. Wilber, Milford.	
Emma Jane Goddard (A), . . . . .	Grafton.
Emma Ellza Hayward, . . . . .	Ashby.
Benjamin West Kinney (A) (Secretary), . . . . .	Worcester.
Jamaica Plain.	
Georgla Hudson Lakin (A), . . . . .	Paxton.
Mrs. Charles H. Dodd, Worcester.	
Ada Alvera Mason, . . . . .	Worcester.
Died in Worcester, May 5, 1890.	
Agnes Josephine O'Gorman (A), . . . . .	Worcester.
Carrie Melinda Sweetzer (A), . . . . .	Worcester.
Florence Mabel Waite (A), . . . . .	Pittsfield.

## EIGHTEENTH CLASS, JANUARY, 1886.

Alice Lucina Bainbridge (A), . . . . .	Worcester.
Mrs. Charles S. Cook, Providence, R. I.	
Alice Rosilla Barton (A), . . . . .	Upton.
Grace Rebecca Everett (A) (Secretary), . . . . .	Worcester.
Edith May Harding (A), . . . . .	Worcester.
Mrs. Alfred H. Rockwood, Hoboken, N. J.	
Sarah Wyman Hay (A), . . . . .	Worcester.
Nelly Francene Monroe (A), . . . . .	Rutland.
Mrs. Benjamin W. Kinney, Jamaica Plain.	

NAMES.	RESIDENCES.
Julia Agnes Quinn (A), . . . . .	Worcester.
Margaret Scott (A), . . . . .	Burlington, Vt.
Annie Gertrude Thompson (A), . . . . .	Worcester.
Carrie Alona Thompson (A), . . . . .	Worcester.

## NINETEENTH CLASS, JUNE, 1886.

Cora Jane Ball (A), . . . . .	Grafton.
Worcester.	
Addie Taylor Banister, . . . . .	Worcester.
Clara Harwood Bemis, . . . . .	Spencer.
Julia Meeker DeCamp (A), . . . . .	Worcester.
Mrs. Sanford D. Leland, Winchester.	
Mary Jennie Hart (A), . . . . .	Worcester.
Susan Rhoda Hartwell (A), . . . . .	Oxford.
Thomas Joseph Higgins (A) Secretary, . . . . .	Worcester.
Mary Alice Johnson, . . . . .	Westborough.
Mrs. George M. Howe, North Brookfield.	
Mary Elizabeth Joyce (A), . . . . .	Worcester.
Carrie Laurretta Maynard (A), . . . . .	Worcester.
Mrs. William A. Davison, Utica, N. Y.	
Susan Augusta Pelce (A), . . . . .	West Boylston.
Died in West Boylston, April 27, 1888.	
Abby Louise Penniman (A), . . . . .	Worcester.
Hattie May Ruggles (A), . . . . .	Worcester.
Annie Elizabeth Tucker (A), . . . . .	Chelsea.
Melrose.	
Ella Maria Whitney, . . . . .	Upton
Mrs. Allan D. Risteen, Hartford, Conn.	
Carrie Howard Wilmarth (A), . . . . .	Worcester.
Mrs. William E. Drake, Kingston, R. I.	

## TWENTIETH CLASS, JANUARY, 1887.

Harriet Louise Brewster (A), . . . . .	Westborough.
Holyoke.	
May Elsie Chapin, . . . . .	Worcester.
Mrs. Frank Pearl, Worcester.	
Caroline Gertrude Cooke (A), . . . . .	Worcester.
Cambridge.	
Sarah Leighton Dinsmore, . . . . .	Lowell.
Sarah Elizabeth Earley (A), . . . . .	Spencer.
Carrie Lincoln Fletcher (A), . . . . .	Worcester.
Marion Holbrook (A), . . . . .	Worcester.
Died in Worcester, Nov. 15, 1885.	
Florence Holman (A), . . . . .	West Millbury.
Warren.	
Marletta Knight, . . . . .	Worcester.

NAMES.	RESIDENCES.
Elizabeth McFarland, . . . . .	Sutton.
Died in Sutton, Jan. 7, 1891.	
Hattie Louise Partridge (A), . . . . .	Worcester.
Cora Deborah Elizabeth Robinson (A), . . . . .	Worcester.
Lillian Ainsworth Smith (A), . . . . .	Dudley.
Chelsea.	
Florence Sherman Waite (A) (Secretary), . . . . .	Worcester.
Mrs. G. Arthur Smith, Worcester.	
Lizzie Helen Wallis (A), . . . . .	North Oxford.
Margaret Louisa Walsh (A), . . . . .	Worcester.
Henrietta Maria Wright (A), . . . . .	East Templeton.

## TWENTY-FIRST CLASS, JUNE, 1887.

Olive Minerva Barnes (A), . . . . .	Worcester.
Mrs. William C. Temple, Rutland.	
Alice Harriette Belding, . . . . .	Worcester.
Annie Josephine Butterfield (A), . . . . .	Worcester.
Lulu Louise Clarke (A), . . . . .	Worcester.
Albert Swain Colburn, . . . . .	Shirley Village.
St. Joseph, Mo.	
Anna Burgess Collier (A), . . . . .	Worcester.
Josephine Pauline Convery (A), . . . . .	Worcester.
Margaret Mary Hanley (A), . . . . .	Worcester.
Addie Maria Harthan (A), . . . . .	Worcester.
Kate Maria Healy (A), . . . . .	Worcester.
Mrs. Emille Landry, Worcester.	
Nellie Gertrude Jerome (A), . . . . .	Worcester.
Cora Emma Kemp (A), . . . . .	Worcester.
Abbie Curtis Knight (A), . . . . .	Worcester.
Emma Martha McCormick, . . . . .	Spencer.
Mrs. Albert B. Prouty, Spencer.	
Honora Lucy Murphy (A), . . . . .	Worcester.
Mary Jane Newton (A), . . . . .	Greenfield.
Mrs. Charles H. Perry, Worcester.	
Abigail Loretta O'Hara (A), . . . . .	Worcester.
Lucy Reed Poland (A) (Secretary), . . . . .	Worcester.
Mary Teresa Power (A), . . . . .	Worcester.
Miriam Frances Proctor (A), . . . . .	Spencer.
May Caroline Rogers (A), . . . . .	Worcester.
Kate Emogene Smith (A), . . . . .	Florence.
Louise Adella Stockdale (A), . . . . .	Worcester.
Charlotte May Taylor (A), . . . . .	Bolton.
Mrs. Oliver A. Everett, Bolton.	
Bertha Caroline Yeaton (A), . . . . .	Worcester.

## TWENTY-SECOND CLASS, JANUARY, 1888.

NAMES.	RESIDENCES.
Jennie Ambrose Casey (A), . . . . .	Worcester.
Margaret Ann Connolly (A), . . . . . Milwaukee, Wis.	Worcester.
Idaline Dawley (A), . . . . . Died in Plainfield, Conn., Sept. 4, 1888.	Plainfield, Conn.
Catherine Teresa Donnelly (A), . . . . .	Worcester.
Annie Elizabeth Fales (A), . . . . .	Westborough.
Ida Childs Gleason, . . . . . Ayer.	West Brookfield.
Ida Etta Leland (A), . . . . .	Upton.
Mary Mackin (A), . . . . . Died in Worcester, Aug. 17, 1889.	Worcester.
Fannie Richards Brewer Macomber (A), . . . . . Mrs. Frank E. Elwell, Rockport.	Worcester.
Edith Maria Marsh, . . . . . Mrs. Loriston K. Amsden, Athol.	Leicester.
Mary Gertrude Overend (A) (Secretary), . . . . .	Worcester.
Cora Almira Paige (A), . . . . . Mrs. Andrew O'Connor, Worcester.	Worcester.
Dora Alvira Paige (A), . . . . . Mrs. Arthur C. Adams, Gilbertville.	Worcester.
Julia Winifred Smith, (A), . . . . .	Worcester.
Minnie Belle Stearns (A), . . . . . Mrs. George P. Taylor, Springfield.	North Leominster.

## TWENTY-THIRD CLASS, JUNE, 1888.

Mary Agnes Cunningham (A), . . . . .	Worcester.
Amelia Louisa Diemar (A), . . . . .	Worcester.
Minnie Isabel Gage (A), . . . . .	Worcester.
Henry Dwight Hunt, . . . . .	Columbia, Conn.
Anna Miriam Johnson (A), . . . . .	Worcester.
Edith Genevieve Loring, . . . . . Mrs. Richard H. Mooney, Worcester.	Westborough.
Jeannette Morrill (A), . . . . .	Benton, N. H.
Gertrude Emma Nash (A), . . . . .	Worcester.
Mary Alice O'Gready (A), . . . . . Mrs. Aloysius J. Doon, Natick.	Worcester.
Annie Brown Porter (A), . . . . . Died in Manchester, N. H., Sept. 16, 1891.	Manchester, N. H.
Mary Agnes Quinn (A), . . . . .	Worcester.
Flora Addie Strong, . . . . .	Starksborough, Vt.
Margaret Gertrude Sullivan (A), . . . . .	Worcester.

NAMES.	RESIDENCES.
Mary Louise Taylor (A) (Secretary), Mrs. Edward H. Whitney, Worcester.	Worcester.
Helen Frances Walker,	Worcester.

## TWENTY-FOURTH CLASS, JANUARY, 1889.

Martha Jennie Alton (A), Mrs. Walter L. Brown, Springfield.	Worcester.
Harriet Amelia Blood (A),	Worcester.
Carrie Maria Bunce (A),	Worcester.
Anna Loretta Callahan,	Barre.
Harriet Washburn Cook (A), Mrs. Willis E. Putnam, Worcester.	Worcester.
Jennie Maria Fairbanks,	Holden.
Ellen Estelle Fitzgerald (A),	Worcester.
Cecilia Theresa Kelley (A),	Worcester.
Alice Elizabeth Marsh, Mrs. Frederick D. Libby, Leicester.	Leicester.
Katherine Mathews (A),	Westborough.
Sarah Ann McCormick (A),	Worcester.
Ellen Agnes McTiernan (A),	Worcester.
Grace Lamson Newton (A),	Oakdale.
Ellen Agnes O'Neill (A),	Worcester.
Mary Elizabeth Patten, Winchester.	Danby, Vt.
Alice Cressy Plumer (A),	Maxwell, Neb.
Grace Emeline Remington (A), Mrs. Angelo Truda, Worcester.	Worcester.
Sara Elizabeth Rollison (A),	Worcester.
Olive Russell (A) (Secretary),	Worcester.
Mary Ann Agnes Short (A),	Worcester.
Mary Alice Smith (A), Mrs. Melville D. Frost, Somerville.	Worcester.
Dora Taft, Waltham.	Mendon.
Winifred Rosalie Todd (A),	Worcester.
Addy Francis Yeaton (A),	Worcester.

## TWENTY-FIFTH CLASS, JUNE, 1889.

Clara Elizabeth Andrews (A), Mrs. Fred H. Rice, Holden.	Boylston.
Grace Hulford Bishop (A),	Worcester.
Ellen Gertrude Carey (A),	Worcester.
Stella Elizabeth Chapin (A), Grafton.	Worcester.

NAMES.	RESIDENCES.
Susan May Corbin, . . . . .	W. Woodstock, Conn.
Annie Maria Gilbert (A), . . . . .	Worcester.
Mrs. Leon O. Woodcock, Worcester.	
Netty May Grout (A), . . . . .	Spencer.
Wuhu, China.	
Susan Martha Hill (A), . . . . .	Hudson.
Lou Frances Sawtelle, . . . . .	Worcester.
Mrs. Arthur D. Putnam, Worcester.	
Netty Anna Starkey (A) (Secretary), . . . . .	Worcester.
Katie Stevenson (A), . . . . .	Worcester.
Clara Harwood Walker (A), . . . . .	Worcester.
Elizabeth Frances Walker (A), . . . . .	Worcester.
Mrs. Benjamin Whitmore, Jr., Worcester.	
Martha Raymond Walker (A), . . . . .	Worcester.
Mrs. Edgar R. Locke, Denver, Col.	
Harriet Erwin Wheeler (A), . . . . .	Worcester.
Emma Augusta Windle, . . . . .	Oxford.
Mrs. John G. Crain, Whitesboro, N. Y.	

## TWENTY-SIXTH CLASS, JANUARY, 1890.

Maude Sophie Bosworth (A), . . . . .	Worcester.
Mrs. Herbert A. Warren, St. Albans, Vt.	
Herbert Eugene Buxton, . . . . .	Ashford, Conn.
Flora Browning Chamberlain (A), . . . . .	Worcester.
Mrs. Charles B. Wetherby, Lowell.	
Florence Malbone Dodge (A), . . . . .	Worcester.
Alice Gertrude Draper (A) (Secretary), . . . . .	Worcester.
Alice Little Eames (A), . . . . .	Worcester.
Mrs. Frank R. S. Bond, Worcester.	
Elizabeth Christine Finn (A), . . . . .	Worcester.
Mary Agnes Flynn (A), . . . . .	Worcester.
Costella Gertrude Gale (A), . . . . .	Guilford, Vt.
Margaret Jane Gartland (A), . . . . .	Worcester.
Died in Worcester, Jan. 19, 1894.	
Mary Gertrude Geary (A), . . . . .	Worcester.
Mary Catherine Henry (A), . . . . .	Worcester.
Anna May Hewett (A), . . . . .	Worcester.
Mrs. George T. Patterson, Springfield.	
Lena May Hurlbut (A), . . . . .	Richford, Vt.
Harriet Howe Maynard, . . . . .	Townsend.
Annie York Milliken (A), . . . . .	Worcester.
Anna Grace Moore (A), . . . . .	Worcester.
Amy Murray (A), . . . . .	Worcester.
Rupert Henry Murray, . . . . .	Worcester.
Kate Evans Parker (A), . . . . .	Worcester.
Minnie Partridge, . . . . .	Medway.

NAMES.	RESIDENCES.
Jeannette Witherby Scruton (A), . . . . .	Canton, N. Y.
Ella Louise Smith (A), . . . . .	Worcester.
Annie Lillian Sullivan (A), . . . . .	Worcester.
Mary Eleanor Whitly (A), . . . . .	Fitchburg.
Mary Emma Williams, . . . . .	Webster.
Mrs. Charles A. Durfee, South Foster, R. I.	

## TWENTY-SEVENTH CLASS, JUNE, 1890.

Amy Maria Aldrich (A), . . . . .	Westborough.
Emma Susie Barrett (A), . . . . .	Worcester.
Mattie Josephine Black (A), . . . . .	Worcester.
Emma Jane Cooper, . . . . .	Worcester.
Manchester, N. H.	
Anna Gertrude Cullen (A), . . . . .	Worcester.
Maud Elizabeth Davis (A), . . . . .	Holden.
Hartford, Conn.	
Kathline Elizabeth Dwyer (A), . . . . .	Worcester.
Mrs. John J. Carr, Worcester. Died in Worcester, July 27, 1893.	
Harriet Almira Greene (A), . . . . .	Wrentham.
Mrs. Arthur H. Walnwright, Worcester.	
Luta Belle Lincoln (A) (Secretary), . . . . .	Worcester.
Charlotte McFarland (A), . . . . .	Worcester.
Annie Teresa McGrath (A), . . . . .	Worcester.
Mary Catherine O'Connor (A), . . . . .	Worcester.
Died in Worcester, Aug. 14, 1895.	
Mary Helen Rogers (A), . . . . .	Holden.
Sarah Agnes Russell (A), . . . . .	Amherst.
Florence Louise Seagrave (A), . . . . .	Uxbridge.
Edith Maria Studley (A), . . . . .	Worcester.
Nellie Dascombe Temple (A), . . . . .	Gardner.
Mrs. Frank B. Edgell, Gardner.	
Florence Helen Towne (A), . . . . .	Mendon.

## TWENTY-EIGHTH CLASS, JANUARY, 1891.

Henrietta Maria Ager (A), . . . . .	Worcester.
Mrs. John H. Orr, Worcester.	
Agnes Maria Blanchard, . . . . .	Harvard
Jennie Frances Brennan (A), . . . . .	Worcester.
Edith Minetta Brown (A) (Secretary), . . . . .	Worcester.
Huldah Jane Gibson (A), . . . . .	South Boston.
Mrs. Benjamin B. Eaton, Worcester.	
Sarah Alice Hopwood (A), . . . . .	Worcester.
Fanny Maude Joy (A), . . . . .	Manchester, N. H.
Brighton.	
Helen Maria King (A), . . . . .	Worcester.

NAMES.	RESIDENCES.
Rosa Helena Mahan (A), . . . . .	Worcester.
Agnes McMahon (A), . . . . .	Worcester.
Mary Brown Porter (A), . . . . .	Louisville, Ky.
Nellie Jane Wattle (A), . . . . .	Worcester.
Alice Gertrude Whitcomb, . . . . .	Worcester.
Mrs. Frank H. Bullard, Worcester.	

## TWENTY-NINTH CLASS, JUNE, 1891.

Ella Louise Brown, . . . . .	Worcester.
Elizabeth Amanda Rice Daniels, . . . . .	Greenfield.
Orange, N. J.	
Marion Frances Dexter (A), . . . . .	Franconia, N. H.
Nellie Gertrude Donovan (A), . . . . .	Worcester.
Theresa Veronica Dowd (A), . . . . .	Worcester.
Emma Alice Gardner (A), . . . . .	Worcester.
Agnes Gertrude Garvey (A), . . . . .	Worcester.
Mabel Howard Goodale (A), . . . . .	Leominster.
Agnes Theresa Healey (A), . . . . .	Whitinsville.
Mary Ignatia Healy (A), . . . . .	Worcester.
Florence Louise Johnson (A), . . . . .	Worcester.
Teresa Mary Larkin, . . . . .	Worcester.
Catherine Maria McHugh (A), . . . . .	Worcester.
Marietta McNulty (A) (Secretary), . . . . .	Worcester.
Mabel Dora Morrison, . . . . .	Worcester.
Georgiana May O'Connor (A), . . . . .	Worcester.
Helen Louise Osborn (A), . . . . .	Worcester.
Mrs. Lyman H. Morse, Newton Centre.	
Grace Platt (A), . . . . .	Newfane, Vt.
Mary Elizabeth Riddler (A), . . . . .	Worcester.
Bertha Maria Stone (A), . . . . .	Auburn.
Died in Webster, July 26, 1894.	
Nellie Thurston, . . . . .	Worcester.
Eleanor Cornelia Torrey, . . . . .	East Dorset, Vt.
Duluth, Minn.	
Mary Reed Townsend (A), . . . . .	Lexington.
Lancaster.	
Eva Leolan Truscott (A), . . . . .	Worcester.
Mrs. Charles F. Davis, Worcester.	
Catherine Rachel Wheatley (A), . . . . .	Worcester.
Grace Woodbury, . . . . .	Oxford.

## THIRTIETH CLASS, JANUARY, 1892.

Sarah Emma Barrett (A), . . . . .	Barre.
Cambridgeport.	
Addie May Blanchard (A), . . . . .	Uxbridge.
Orange, N. J.	



NAMES.	RESIDENCES.
Mabel Rice Brooks (A), . . . . .	Ashby.
Elizabeth Loretta Carmody (A), . . . . .	Worcester.
Anna Pauline Cummings (A) (Secretary), . . . . .	Worcester.
Rose Gertrude Doherty (A), . . . . .	Worcester.
Annie Edith Goldthwait (A), . . . . .	Uxbridge.
Alice Christina Heaphy (A), . . . . .	Worcester.
Julia Annie Hill (A), . . . . .	Charlestown.
Mary Leathers (A), . . . . .	Barre.
Louisa Christina Lof (A), . . . . .	Worcester.
Effie Rilla Putnam, . . . . .	West Sutton.
Katherine Sayle (A), . . . . .	Worcester.
Mary Grace Stalker (A), . . . . .	Worcester.
Sarah Carr Wilder, . . . . .	Spencer.
Lura Augusta Wiley (A), . . . . .	Hardwick.

## THIRTY-FIRST CLASS, JUNE, 1892.

Lena Roxanna Adams (A), . . . . .	North Brookfield.
Serena Belle Adams (A), . . . . .	Stockbridge.
Nina Frances Blanchard (A), . . . . .	Worcester.
Mrs. John H. Scott, Worcester.	
Mary Frances Crane (A), . . . . .	Worcester.
Margaret Loretta Cunningham (A), . . . . .	Worcester.
Mary Ursula Day (A), . . . . .	Worcester.
Effie Blanche Draper (A) (Secretary), . . . . .	Worcester.
Mrs. William L. Smith, Springfield.	
Emma Elizabeth Greene (A), . . . . .	Worcester.
Elizabeth Anna Hagerty (A), . . . . .	Worcester.
Mary Abbott Holt, . . . . .	Norway, Me.
Everett.	
Ella LeBeau (A), . . . . .	Fall River.
Anna Maria Littlefield (A), . . . . .	Worcester.
Mrs. Arba S. Noyes, Whitinsville.	
Cora Lillis Morse (A), . . . . .	Worcester.
Abigail Frary Newton (A), . . . . .	Greenfield.
Edith Gertrude Newton, . . . . .	Westminster.
New Haven, Conn.	
Rebecca Louise Nield (A), . . . . .	Millbury.
Annie Belle Parker (A), . . . . .	Worcester.
Emily Beverly Pellet (A), . . . . .	Worcester.
Belle Frances Phelon, . . . . .	Worcester.
Ida Louise Stevens, . . . . .	Worcester.
Mrs. Willis C. Whitney, Hubbardston.	

## THIRTY-SECOND CLASS, JANUARY, 1893.

Grace Lyon Backus (A), . . . . .	Chaplin, Conn.
Louise Maria Bray (A), . . . . .	Boylston.
Mrs. Edward J. Walker, Clinton.	

NAMES.	RESIDENCES.
Annie Elizabeth Clancy (A), . . . . .	Worcester.
Mary Catherine Clarke (A), . . . . .	Worcester.
Florence Lane Cota (A), . . . . .	New Braintree.
Alice Louise Day (A), . . . . .	Worcester.
Alice Mary Day (A) (Secretary), . . . . .	Worcester.
Ellen Maria Devlin (A), . . . . .	Worcester.
Margaret Agnes Donnelly (A), . . . . .	Worcester.
Emily Frances Fagan (A), . . . . .	Webster.
Mary Julia Haas (A), . . . . .	Shrewsbury.
Mary Eloise Hardy (A), . . . . .	Worcester.
Mrs. Leander C. Lowell, Framingham.	
Anna Tracy Hickey (A), . . . . .	Worcester.
Alice Jane Hildreth, . . . . .	Worcester.
Emma Ada Hopwood (A), . . . . .	Worcester.
Rose Eva Keenan (A), . . . . .	Stoneham.
Mary Agnes Maroney (A), . . . . .	Worcester.
Ellen Teresa McGillicuddy (A), . . . . .	Worcester.
Katharine Louise McQuaid (A), . . . . .	Worcester.
Martha Evellne Peck (A), . . . . .	Rowe.
Catherine Regan (A), . . . . .	Gardner.
Margaret Blanche Toole (A), . . . . .	Worcester.

## THIRTY-THIRD CLASS, JUNE, 1893.

Margaret Theresa Brown (A), . . . . .	Millbury.
Jessie Sophronia Clapp, . . . . .	Worcester.
Mary Elizabeth Cody (A), . . . . .	Worcester.
Anna Elizabeth Conlon (A), . . . . .	Worcester.
Isabella Gertrude Diggins (A), . . . . .	Worcester.
Grace Lenora Geer (A) (Secretary), . . . . .	Worcester.
Annie Matilda Harrington (A), . . . . .	Paxton.
Mary Eleanor Higgins (A), . . . . .	Worcester.
Bertha Josephine Hopkins (A), . . . . .	Worcester.
Grace Agnes Hutchins (A), . . . . .	Templeton.
Mary Alice Loring (A), . . . . .	Westborough.
Mrs. Israel N. Keyes, Worcester.	
Grace Bangs Sawin (A), . . . . .	Athol.
Mary Ida Schultz (A), . . . . .	Worcester.
Mary Louise Scott (A), . . . . .	Worcester.
Ina Adelaide Whitman (A), . . . . .	Marlborough.

## THIRTY-FOURTH CLASS, JANUARY, 1894.

Sophia Elizabeth Belcher (A), . . . . .	Worcester.
Genevieve Bernardine Convery (A), . . . . .	Worcester.
Cornelia Vinson Davis (A), . . . . .	Worcester.
Katherine Gertrude Doon (A), . . . . .	Worcester.

NAMES.	RESIDENCES.
Minnie Louisa Fish (A), . . . . .	Worcester.
Harriet Adelaide Foley (A), . . . . .	Worcester.
Edith Elizabeth Gunn (A), . . . . .	Northbridge.
Delia Madge Hale (A), . . . . .	Grafton.
Olive Isabel Harris (A), . . . . .	Worcester.
Myrtis Isabel Kirby (A), . . . . .	Paxton.
Marletta Matthews (A) (Secretary), . . . . .	Worcester.
Anna Maria McPartland (A), . . . . .	Leicester.
Anna Gertrude Murphy (A), . . . . .	Worcester.
Mary Ellen Camilla O'Connell (A), . . . . .	Worcester.
Eliza Gallup Rawson (A), . . . . .	Worcester.
Louise Amanda Scott (A), . . . . .	Worcester.
Ella Jane Thayer, . . . . .	Worcester.
Sarah Ella Wilson (A), . . . . .	Worcester.
Ethel Maria Woods (A), . . . . .	Worcester.

## THIRTY-FIFTH CLASS, JUNE, 1894.

Bertha Frances Albee, . . . . .	Uxbridge.
Anna May Babcock (A), . . . . .	Worcester.
Rose Anne Boyle (A), . . . . .	Worcester.
Abigail Elizabeth Callahan (A), . . . . .	Millbury.
Mabel Susan Chamberlain (A), . . . . .	Worcester.
Edith Florence Chapin (A), . . . . .	Worcester.
Grafton.	
Mabel Elma Colburn (A), . . . . .	Thayer, Mo.
Mary Helen Eaton (A), . . . . .	Woburn.
Margaret Elizabeth Flynn (A), . . . . .	Worcester.
Anna Charlotte Harford (A), . . . . .	Worcester.
Sarah Elizabeth Kneeland (A), . . . . .	Worcester.
Catherine Pauline Mullany (A) (Secretary), . . . . .	Worcester.
Anastasia Leone O'Gorman (A), . . . . .	Worcester.
Helen Austina O'Gorman (A), . . . . .	Worcester.
Mabel Ellsworth Osgood (A), . . . . .	Barre.
Mary Gertrude Perry (A), . . . . .	Sutton.
Mary Eliza Stearns, . . . . .	Barre.
Jane Maria Wheeler (A), . . . . .	Bolton.
Nancy Claflin Wood (A), . . . . .	Mendon.

## THIRTY-SIXTH CLASS, JANUARY, 1895.

Mabel Boomer Blanchard (A), . . . . .	Worcester.
Mrs. Albert H. Armstrong, Schenectady, N. Y.	
Anna Loretto Bourke (A), . . . . .	Worcester.
Grace Adell Chamberlain (A), . . . . .	East Jaffrey, N. H.
Joanna Teresa Daly (A), . . . . .	Worcester.
Gertrude Lavina Eames (A), . . . . .	Worcester.

NAMES.	RESIDENCES.
Frances Isabelle Everett (A), . . . . .	Worcester.
Edith Maria Harlow (A), . . . . .	Shrewsbury.
Florence Selma Jenkins (A) (Secretary), . . . . .	Worcester.
Frances Edna Joyce (A), . . . . .	Worcester.
Elizabeth Bernard McCourt (A), . . . . .	Worcester.
Annie Gertrude O'Day (A), . . . . .	Worcester.
Amy Gertrude Perkins (A), . . . . .	Templeton.
Alice Jennie Perry (A), . . . . .	Worcester.
Hilma Peterson (A), . . . . .	Worcester.
Mary Teresa Ryan (A), . . . . .	Worcester.
Gertrude Elvira Ryder (A), . . . . .	Auburn.
Isabelle Stevenson (A), . . . . .	Worcester.
Katherine Ellen White (A), . . . . .	Worcester.
Lucy Addie Whitney, . . . . .	Worcester.

## THIRTY-SEVENTH CLASS, JUNE, 1895.

Emma Elizabeth Allison (A), . . . . .	Worcester.
Elizabeth Hastings Bray (A), . . . . .	Boylston.
Katherine Louisa Broderick (A), . . . . .	Worcester.
Mabel Elizabeth Burrage (A), . . . . .	Spencer.
Julia Adelaide Butler (A), . . . . .	Worcester.
Grace Irene Chapin (A), . . . . .	Worcester.
Grafton.	
Katharine Grace Crane (A), . . . . .	Worcester.
Katherine Theresa Degnan (A), . . . . .	Worcester.
Louise Julia Diemar (A), . . . . .	Worcester.
Edith Florence Eames (A), . . . . .	Worcester.
Flora Torrey Edgecomb (A), . . . . .	Fitchburg.
Agnes Margaret Hagerty (A), . . . . .	Worcester.
Anna Wilmarth Howe (A), . . . . .	Worcester.
Louella Irene Jackson (A), . . . . .	Worcester.
Alice Louise King (A), . . . . .	Charlton.
Mary Evelyn Mack (A), . . . . .	Millbury.
Josephine Belle Matthews (A) (Secretary), . . . . .	Worcester.
Margaret Rose McGowan (A), . . . . .	Worcester.
Maria McLaughlin (A), . . . . .	Millbury.
Eliza Jane Meyers (A), . . . . .	Worcester.
Mabel Margaret Nick (A), . . . . .	Worcester.
Katherine Agnes Walsh (A), . . . . .	Worcester.
Alice Stearns White (A), . . . . .	Bolton.

## THIRTY-EIGHTH CLASS, JANUARY, 1896.

Katharine Teresa Butler (A), . . . . .	Leicester.
Nellie Teresa Marie Butler (A), . . . . .	Worcester.
Mary Jane Callahan (A), . . . . .	Barre.
Clara Maud Chase (A), . . . . .	Millbury.

NAMES.	RESIDENCES.
Effie Maud Cuthbertson (A), . . . . .	Fitchburg.
Mary Elizabeth Davidson, . . . . .	Millbury.
Emmaline Agnes Devlin (A), . . . . .	Worcester.
Mary Agnes Fleming (A), . . . . .	Worcester.
Elizabeth Fuyat (A), . . . . .	Taunton.
Margaret Mary Gaynor (A), . . . . .	Worcester.
Clara Augusta Harrington (A) (Secretary), . . . . .	Worcester.
Blanche Bingham Hill (A), . . . . .	Worcester.
Gertrude Imerson Johnson (A), . . . . .	Coos, N. H.
Florence Julia Wheeler Lesure (A), . . . . .	Worcester.
Mary Luby (A), . . . . .	Worcester.
Mary Susan Rachel MacDonald (A), . . . . .	Spencer.
Mary Annetta McAuliffe (A), . . . . .	Uxbridge.
Ellen Gertrude McDermott (A), . . . . .	Worcester.
Hannah Teresa McDonnell (A), . . . . .	Worcester.
Mary Frances McGrath (A), . . . . .	Worcester.
Anna Mary Moran (A), . . . . .	Worcester.
Florence Jessie Murdock (A), . . . . .	Webster.
Anna Maria Newell (A), . . . . .	Southbridge.
Rose Alba Parrott (A), . . . . .	Worcester.
Elsie Gertrude Reed (A), . . . . .	Worcester.
Joanna Frances Riordan (A), . . . . .	Worcester.
Effie Maria Starkey (A), . . . . .	Worcester.
Blanche May Stone (A), . . . . .	Auburn.
Susan Clifford Taft (A), . . . . .	Worcester.
Winona Boynton Taylor (A), . . . . .	Worcester.
Elise Sainteté Topanellan (A), . . . . .	Worcester.

**Special Students who have Received Certificates of  
Proficiency.**

---

**1881.**

Francis Patrick McKeon, A.M.  
Richard Henry Mooney, A.M.

**1882.**

Thomas William Butler.  
Owen Henry Conlin, A.B.  
Peter Andrew Conlin, A.B.  
Edward Aloysius Quinland, A.B.

**1883.**

Arthur Hay, A.B.

**1886.**

William Francis Carmody, A.B.

**1890.**

Joseph Edward Underwood, A.B.

**1893.**

Lucy Adelaide Pratt, A.B.

**1895.**

Andrew John Dolan, A.B.  
Denis Francis O'Connor, A.B.

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## SUMMARY OF NUMBERS.

Number in the First Class, . . . . .	10
Number in the Second Class, . . . . .	17
Number in the Third Class, . . . . .	27
Number in the Fourth Class, . . . . .	14
Number in the Fifth Class, . . . . .	10
Number in the Sixth Class, . . . . .	12
Number in the Seventh Class, . . . . .	14
Number in the Eighth Class, . . . . .	20
Number in the Ninth Class, . . . . .	16
Number in the Tenth Class, . . . . .	17
Number in the Eleventh Class, . . . . .	14
Number in the Twelfth Class, . . . . .	10
Number in the Thirteenth Class, . . . . .	21
Number in the Fourteenth Class, . . . . .	8
Number in the Fifteenth Class, . . . . .	16
Number in the Sixteenth Class, . . . . .	22
Number in the Seventeenth Class, . . . . .	14
Number in the Eighteenth Class, . . . . .	10
Number in the Nineteenth Class, . . . . .	16
Number in the Twentieth Class, . . . . .	17
Number in the Twenty-first Class, . . . . .	25
Number in the Twenty-second Class, . . . . .	15
Number in the Twenty-third Class, . . . . .	15
Number in the Twenty-fourth Class, . . . . .	24
Number in the Twenty-fifth Class, . . . . .	16
Number in the Twenty-sixth Class, . . . . .	26
Number in the Twenty-seventh Class, . . . . .	18
Number in the Twenty-eighth Class, . . . . .	13
Number in the Twenty-ninth Class, . . . . .	26
Number in the Thirtieth Class, . . . . .	16
Number in the Thirty-first Class, . . . . .	20
Number in the Thirty-second Class, . . . . .	22
Number in the Thirty-third Class, . . . . .	15
Number in the Thirty-fourth Class, . . . . .	19
Number in the Thirty-fifth Class, . . . . .	19
Number in the Thirty-sixth Class, . . . . .	19
Number in the Thirty-seventh Class, . . . . .	23
Number in the Thirty-eighth Class, . . . . .	31
<hr/>	
Total number of graduates, . . . . .	667
Number of certificated students, . . . . .	12

**Graduates' Association of the State Normal School  
at Worcester.**

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<i>President,</i>	SARAH M. AVERILL,	8TH CLASS.
<i>Vice-President,</i>	ALICE H. BELDING,	21ST CLASS.
<i>Secretary,</i>	ARABELLA H. TUCKER,	1ST CLASS.
<i>Treasurer,</i>	THOMAS J. HIGGINS,	19TH CLASS.

*Executive Committee.*

SARAH A. BOYD,	2D CLASS.
OCTAVIA H. VAUGHAN,	13TH CLASS.
CARRIE M. SWEETSER,	17TH CLASS.
ELLEN E. FITZGERALD,	24TH CLASS.
M. JOSEPHINE BLACK,	27TH CLASS.

The sixteenth annual reunion will be held on Tuesday afternoon, June 23, 1896, at the normal school. The business meeting will take place in the lunch-room at 5.30. The supper will be served in the hall at 6.

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## GIFTS OF THE GRADUATING CLASSES.

These all form a part of the decoration of the main hall or school-room.

FIRST CLASS, . . . . .	Apollo. (Bust.)
SECOND CLASS, . . . . .	Angel Boys from Raphael's "Sistine Madonna." (Photograph.)
THIRD CLASS, . . . . .	Guido's "Aurora." (Photograph.)
FOURTH CLASS, . . . . .	Colosseum at Rome. (Photograph.)
FIFTH CLASS, . . . . .	Julius Cæsar. (Bust.)
SIXTH CLASS, . . . . .	John Locke. (Bust.)
SEVENTH CLASS, . . . . .	Pestalozzi. (Bust.)
EIGHTH CLASS, . . . . .	Ralph Waldo Emerson. (French's Bust.)
NINTH CLASS, . . . . .	"An Old Monarch," by Rosa Bonheur. (Engraving.)
TENTH CLASS, . . . . .	Pyramids and Sphinx. (Photograph.)
ELEVENTH CLASS, . . . . .	Titian's "Flora." (Photograph.)
TWELFTH CLASS, . . . . .	Michel Angelo's "Three Fates." (Photograph.)
THIRTEENTH CLASS, . . . . .	Lincoln. (Volk's Bust.)
FOURTEENTH CLASS, . . . . .	Webster. (Photograph by Hawes.)
FIFTEENTH CLASS, . . . . .	Millet's "Spinner." (Etching.)
SIXTEENTH CLASS, . . . . .	Franklin. (Houdon's Bust.)
SEVENTEENTH CLASS, . . . . .	The Matterhorn. (Photograph.)
EIGHTEENTH CLASS, . . . . .	The Chandos Portrait of Shakespeare. (Flameng's Etching.)
NINETEENTH CLASS, . . . . .	Sappho (so called), from Herculaneum. (Bust.)
TWENTIETH CLASS, . . . . .	Tiger. (Photograph from life.)
TWENTY-FIRST CLASS, . . . . .	Part of Parthenon Frieze. (Plaster cast.)
TWENTY-SECOND CLASS, . . . . .	Rousseau. (Houdon's Bust.)
TWENTY-THIRD CLASS, . . . . .	Stuart's Washington. (Photograph by Hawes.)
TWENTY-FOURTH CLASS, . . . . .	"Around the Lake," by Corot. (Photograph by Braun.)

## GIFTS.

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The following gifts to the school are gratefully acknowledged : —  
Specimen Case of Sewing Cotton Manufacture, from Messrs. J. and P. Coats.

Fossils from Kentucky, from Miss Mary B. Porter, of the Twenty-eighth Class.

Native Cloth of palm fibre from the Congo River Country, from Mrs. Lyman H. Morse, of the Twenty-ninth Class.

Shell of *Emys insculpta*, from Miss Anna L. Rydberg.

Stuffed Specimen of the English Robin (Redbreast), *Erythacus rubecula*, from Miss Ellen M. Haskell.

A Copy of the Graduates' Record, from Miss Arabella H. Tucker, of the First Class.

Several volumes for the Library, including Bayard Taylor's Writings, in 16 volumes, from Mr. Henry W. Brown.

Valuable Government Reports, in many volumes, from Hon. Joseph H. Walker, M.C.

Valuable Reports and Contributions, from the Smithsonian Institution.

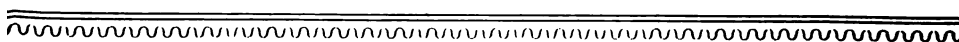
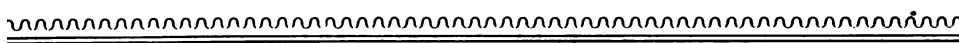
Many minor contributions from graduates, students and others.

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**Anniversary Addresses have been given by the Following  
Persons.**

- In 1877, by William T. Harris, LL.D., of St. Louis.  
In 1878, by Rev. Thomas Hill, D.D., of Portland, Me.  
In 1879, by Alexander H. Rice, LL.D., of Boston.  
In 1880, by Mrs. Julia Ward Howe of Boston.  
In 1881, by Rev. Francis Tiffany of West Newton.  
In 1882, by Hon. James W. Patterson, LL.D., of Hanover, N. H.  
In 1883, by Mrs. Ednah D. Cheney of Boston.  
In 1884, by Prof. G. Stanley Hall, Ph.D., of Baltimore.  
In 1885, by Prof. Albert Harkness, LL.D., of Providence, R. I.  
In 1886, by Charles Dudley Warner of Hartford, Conn.  
In 1887, by Edward S. Morse, Ph.D., of Salem.  
In 1888, by John Fiske, LL.B., of Cambridge.  
In 1889, by Francis A. Walker, LL.D., of Boston.  
In 1890, by Mrs. Alice Freeman Palmer, Ph.D., of Cambridge.  
In 1891, by Rev. E. B. Andrews, D.D., of Providence, R. I.  
In 1892, by Rev. Charles M. Lamson, D.D., of St. Johnsbury, Vt.  
In 1893, by G. Stanley Hall, LL.D., of Worcester.  
In 1894, by Hon. Frank A. Hill, Litt.D., of Cambridge.  
In 1895, by Thomas C. Mendenhall, LL.D., of Worcester.
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